Atlas Gentech
Security Alarms Catalogue

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

Atlas Gentech (NZ) Limited | Auckland | Wellington | Christchurch | Freephone 0800 732 637 | www.atlasgentech.co.nz

PARADOX SECURITY SYSTEMS
integriti INTEGRATED SOLUTIONS
innerrange
CONCEPT 4000

Atlas Gentech has the commitment and drive to represent the worlds most dynamic and leading-edge brands in the fields of Data, Communications and Security. With a philosophy built on excellence in sales, support, training and service, Atlas Gentech has built partnerships with world powerhouse brands such as Paradox, Inner Range, Integriti, Concept 4000, ASSA ABLOY, Lockwood, HID and Telstrom representing the pinnacle in their respective fields.

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Specifications current at time of printing. Errors and omissions excluded.

1 Paradox SP
Expandable Security Systems

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SP SPECTRA®

Paradox SP Solution
SP is an ideal security system for any residential or commercial installation that require up to 32 zones of protection.

PARADOX SP

- Paradox Compitibility Chart
- System Architecture
- Control Panels
- Keypads
- Expansion Modules
- Wireless Devices
- Communicator Modules
- Software & Accessories

Paradox SP offers a combination of innovative features and an advanced communication bus for a unique expandable security system.

With the introduction of the SP series, the reliability of Spectra panels is expanded to provide you with more features, such as StayD, more on-board zones (expandable to 32), more on-board PGMs (expandable to 16), and support for the new GSM Module (PCS Series), Plug-In Voice Dialer (VDMP3) and Internet Module (IP100). With their in-field firmware upgrade capability, the SP series allows installers to upgrade their system without hassle — quickly, easily and on site. And to further facilitate installation, every SP series panel can be configured using easy-to-follow menu-driven programming.

Experience a new way of living with StayD offered in the SP Series. StayD simplifies your life and makes it safer by protecting you 24 hours a day, 7 days a week without ever having to disarm the system – even when entering an armed area. StayD lives with you and protects you at all times, without any unprotected periods, and while automatically re-arming the system so you don't have to remember to do it.

PARADOX® SECURITY SYSTEMS

Paradox Compatibility Chart

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PARADOX CONTROL SYSTEMS	SP4000	SP5500	SP6000	MG5050	MG6250	EVO192
Specifications						
On-Board Zones/Maximum Zones	4/32	5/32	8/32	5/32	2/64	8/192
On-Board PGMs/Maximum PGMs	1/12	2/16	2/16	4/16	2/8	5/250
User Codes	32	32	32	32	32	999
Partitions	2	2	2	2	2	8
Wireless Receiver on Board	No	No	No	Yes	Yes	No
Access Control Doors	0	0	0	0	0	32
Keypads: LED						
K636 - 10 Zones, 1 Partition (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10H - 10 Zones, 2 Partitions (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10V - 10 Zones, 2 Partitions (Vertical)	Yes	Yes	Yes	Yes	No	No
K32 - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
Keypad: LCD						
K32LCD - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K641 - 192 Zones, 8 Partitions	No	No	No	No	No	Yes
K641R - 192 Zone, 8 Partitions, Built-in Access Control	No	No	No	No	No	Yes
K32LX - 32 Zones, 2 Partitions, Built-in Transceiver	Yes	Yes	Yes	Yes	No	No
Keypads: FIXED ICON						
K35 - Fixed Icon, 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K37 - Fixed Icon, 32 Zones, 2 Partitions, Wireless	No	Yes*	Yes*	Yes	No	No
Touch Screen						
TM50	Yes**	Yes	Yes	Yes	No	Yes
Expansion Modules						
ZX1	No	No	No	No	No	Yes
ZX4	No	No	No	No	No	Yes
ZX8	Yes	Yes	Yes	Yes	No	Yes
ZX8SP	Yes	Yes	Yes	Yes	No	No
PGM-4	Yes	Yes	Yes	Yes	No	Yes
HUB2	Yes	Yes	Yes	Yes	No	Yes
Wireless Receivers						
RX1 - (Does not support 2 Way Wireless Devices)	1	1	1	No	No	No
RTX3 - Transceiver	1	1	1	No	No	Up to 254
K32LX - Keypad Transceiver	1	1	1	No	No	No
RPT1 - Repeater	No	2*	2*	2	4	No

* Compatible when using a Wireless Receiver/RTX3

** Compatible when using version 4.9 and above only

SP System Architecture

15505: SP4000, 4 to 32 Zones
15515: SP5500, 5 to 32 Zones
15520: SP6000, 8 to 32 Zones

4-Wire Expansion BUS

SP Hardwired Keypads

15578B/W: TM50 Touch

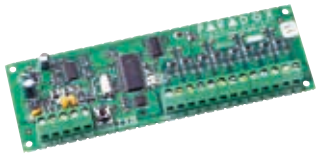
15580: K32LCD 32 Zone LCD Keypad
15577: K35 32 Zone Fixed LCD Keypad
15575: K32 32 Zone LED Keypad
15570: K10H 10 Zone Horizontal LED Keypad
15570v: K10V 10 Zone Vertical LED Keypad
15572: K636 10 Zone LED Keypad (1 Partition)
15578B/W: TM50 Touch - Intuitive Touchscreen

35270: PCS 250

15398: IP150 Internet Module

15333: VDMP3 Plug-in Voice Module

SP Hardwired Expansion Modules



15463: ZX8SP 8 Zone Expansion Module

15463: ZX8SP 8 Zone Expansion Module
15362: PGM4 4 PGMs Expansion Module
15350: ZX8 8 Zone Expansion Module

15358P: HUB2 2 Port Hub & Bus Isolator

SP Wireless Expansion Modules

10403RX: RX1

OR

10401MG: RTX3

OR

15582: K32LX
Built-in Transceiver

SP Accessories
15620: PMC5 Memory Key
15162: 307USB Direct Connect Interface
BabyWare PC Software

SP Wireless Architecture

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Wireless Repeater Module

10430: RPT1 Wireless Repeater Module

10419MG: GS250 GPower Wireless Multi-Axis Detector

10422: NVR780 Wireless Outdoor Detector

15577RF: K37 32-Zone Wireless Fixed Icon Keypad

10408: REM15 4-Button Remote

10412MG: REM1 4-Button Remote

10413MG: REM2 2-Way Button Remote

10409: REM3 2-Way Remote

10407MG: REM101 Single Button Transmitter

10425: 2WPGM 2-Way Wireless PGM

10424: GlassBreak

10420MG: WS588P Smoke Detector

10421MG: WH588P Heat Detector

10423MG: WC588P Carbon Monoxide Detector

10410MG: PMD2P Wireless PIR

10411MG: PMD75 Pet Immunity PIR

10417MG: PMD85 Outdoor PIR

10415MG: DCT2 Ultra Small Door Contact

10416MG: DCTXP2 2-Zone Wireless Door Contact

10414MG: DCT10 2-Zone Long-Range Door Contact

10440: SR150 2 Way Wireless External Siren

10441: SR120 2 Way Wireless Internal Siren

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SP Control Panels

15505Z — SP4000 - 4 TO 32 ZONE SYSTEM

CODE NUMBER	PRODUCT DESCRIPTION
15505P	SP4000 - PCB Only
15505Z	SP4000 - Paradox Cabinet
15505ZX	SP4000 - Paradox Cabinet, Plug Pack
15505	SP4000 - Paradox Cabinet, K636 Keypad
15505V	SP4000 - Paradox Cabinet, K10V Keypad
15505VX	SP4000 - Paradox Cabinet, K10V Keypad, Plug Pack
15505TB	SP4000 - Paradox Cabinet, TM50 Touch-Black
15505TW	SP4000 - Paradox Cabinet, TM50 Touch-White
65001	SP4000 Recession Buster Kit - SP4000, Paradox Cabinet, 1 x K636 Keypad, 2 x Pro PIR, 1 x PS219 Flush Ring Piezo, 1 x WP06 Mini External Siren, 1 x 3.0A/H Battery
65002	SP4000 Recession Buster Kit - SP4000, Paradox Cabinet, 1 x K636 Keypad, 2 x Pro PIR, 1 x PS219 Flush Ring Piezo, 1 x PC7 External Siren, 1 x 3.0A/H Battery
65005	SP4000 Recession Buster Kit - SP4000, Paradox Cabinet, 1 x K10H Keypad, 2 x Pro PIR, 1 x PS219 Flush Ring Piezo, 1 x WP06 Mini External Siren, 1 x 3.0A/H Battery
65005V	SP4000 Recession Buster Kit - SP4000, Paradox Cabinet, 1 x K10V Keypad, 2 x Pro PIR, 1 x PS219 Flush Ring Piezo, 1 x WP06 Mini External Siren, 1 x 3.0A/H Battery

15515SZ — SP SP5500 - 5 TO 32 ZONE SYSTEM

CODE NUMBER	PRODUCT DESCRIPTION
15515P	SP5500 - PCB Only
15515Z	SP5500 - Paradox Cabinet
15515ZX	SP5500 - Paradox Cabinet, Plug Pack
15515	SP5500 - Paradox Cabinet, K10H Keypad
15515X	SP5500 - Paradox Cabinet, K10H Keypad, Plug Pack
15515V	SP5500 - Paradox Cabinet, K10V Keypad
15515VX	SP5500 - Paradox Cabinet, K10V Keypad, Plug Pack
15515L	SP5500 - Paradox Cabinet, K32 LED Keypad
15515LX	SP5500 - Paradox Cabinet, K32 LED Keypad, Plug Pack
15515I	SP5500 - Paradox Cabinet, K35 Fixed Icon Keypad
15515IX	SP5500 - Paradox Cabinet, K35 Fixed Icon Keypad, Plug Pack
15515C	SP5500 - Paradox Cabinet, K32LCD Keypad
15515CX	SP5500 - Paradox Cabinet, K32LCD Keypad, Plug Pack
15515TB	SP5500 - Paradox Cabinet, TM50 Touch-Black
15515TW	SP5500 - Paradox Cabinet, TM50 Touch-White

SP Control Panels

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15520Z — SP6000 - 8 TO 32 ZONE SYSTEM

CODE NUMBER	PRODUCT DESCRIPTION
15520P	SP6000 - PCB Only
15520Z	SP6000 - Paradox Cabinet
15520ZX	SP6000 - Paradox Cabinet, Plug Pack
15520	SP6000 - Paradox Cabinet, K10H Keypad
15520X	SP6000 - Paradox Cabinet, K10H Keypad, Plug Pack
15520V	SP6000 - Paradox Cabinet, K10V Keypad
15520VX	SP6000 - Paradox Cabinet, K10V Keypad, Plug Pack
15520L	SP6000 - Paradox Cabinet, K32 LED Keypad
15520LX	SP6000 - Paradox Cabinet, K32 LED Keypad, Plug Pack
15520I	SP6000 - Paradox Cabinet, K35 Fixed Icon Keypad
15520IX	SP6000 - Paradox Cabinet, K35 Fixed Icon Keypad, Plug Pack
15520C	SP6000 - Paradox Cabinet, K32LCD Keypad
15520CX	SP6000 - Paradox Cabinet, K32LCD Keypad, Plug Pack
15520TB	SP6000 - Paradox Cabinet, TM 50 Touch-Black
15520TW	SP6000 - Paradox Cabinet, TM 50 Touch-White

SP Keypads

15578B/W — TM50 TOUCH - INTERFACE TOUCH SCREEN

- Thin, sleek design
  - 5.0in/12.7cm vivid colour display (480x272 pixels)
  - Intuitive, icon-based menus - no manual needed
- Control up to 8 PGM outputs
- In-field firmware upgradable via micro SD card
- Powerful advanced processor
- 1 Zone/temperature input to connect a detection device or a TEMP07 (External Temperature Sensor)
- Customised translation via web application
- Surface-mount installation only; dimensions 14.4 x 9.6 x 1.4 cm (5.7 x 3.8 x 0.6 in)
- Available in classic Piano black and Pristine white, as well as other exciting designer colours

CODE NUMBER	PRODUCT DESCRIPTION
15578B	TM50 Touch - Black
15578W	TM50 Touch - White
15579	Spot On Locator & Onescreen Monitoring License for TM50
15314	Paradox External Temperature Sensor for TM50
90123	Paradox TM50 Briefcase Display Unit

Covers only

CODE NUMBER	PRODUCT DESCRIPTION
15579AG	Apple Green Cover
15579SIL	Silver Cover
15579RB	Royal Blue Cover
15579VV	Vivid Violet Cover
15579CR	Crimson Red Cover

15572 — K636 - 10 ZONE HARDWIRED LED (SIMPLIFIED) KEYPAD

- Compatible with MG5050 and SP series
- Single partition keypad
- 10-Zone LED display
- StayD status LED
- Patented key light display (button lights up to indicate an open zone)
- Arm, sleep, stay and off keys illuminate to indicate partition status
- Adjustable backlight

15570/15570V — K10H - (HORIZONTAL) / K10V (VERTICAL) 10 ZONE HARDWIRED LED KEYPAD

- Compatible with MG5050 and SP series
- Supports StayD Mode
- 10-Zone LED display
- Separate arm, sleep, stay and off LED's per partition
- Patented key light display (button lights up to indicate an open zone)
- 1 Keypad zone input
- Independently set chime zones
- 7 One-touch action buttons
- 3 Keypad-activated panic alarms
- Adjustable backlight
- Connects to 4-wire communication bus

15575 — K32 - 32 ZONE HARDWIRED LED KEYPAD

- Compatible with MG5050 and SP series
- Supports StayD Mode
- 32-Zone LED display
- Separate arm, sleep, stay and Off LED's per partition
- In-field firmware upgrade via 307USB
- 1 Keypad zone input
- Independently set chime zones
- 7 One-touch action buttons
- 3 Keypad-activated panic alarms
- Adjustable backlight
- Connects to 4-wire communication bus

SP Keypads

15577 K35 - 32 ZONE HARDWIRED FIXED ICON LCD KEYPAD

- Compatible with MG5050 and SP series V2.31 and up
- Fixed message display that guides in the operation of the system
- Displays the status of 32 zones in 2 partitions
- StayD status icon
- Displays arm, sleep, stay and disarmed stasus for each partition
- Displays troubles, bypassed zones and alarm memory
- Adjustable backlight
- In-field firmware upgrade via 307USB
- 1 Keypad zone input
- Independently set chime zones
- 8 One-touch action buttons
- 3 Keypad-activated panic alarms
- Connects to 4-wire expansion bus

15580 K32LCD - ALPHA NUMERIC 32 CHARACTER HARDWIRED LCD KEYPAD

- 32-Character blue LCD with programmable labels
- Real-time zone alarm display (until disarmed)
- In-field firmware upgrade via 307USB
- StayD status LED
- Menu-driven programming for easy system setup (installer and end user)
- 1 Keypad zone input
- Independently set chime zones
- 8 One-touch action buttons
- 3 Eyepad-activated panic alarms
- Adjustable backlight, contrast and scroll speed
- Connects to 4-wire expansion bus
- Compatible with MG5050 and SP series V2.31 and up
- Compatible with SP4000, V4.90 and up

15582 K32LX - 32 CHARACTER HARDWIRED LCD KEYPAD WITH BUILT IN TRANSCEIVER

- Built-in transceiver
- 32-Character, blue LCD with programmable labels
- StayD with status LED
- Real-time zone alarm display
- In-field firmware upgradable via 307USB
- 1 Keypad zone input
- 1 PGM output (follows arm status)
- 8 One-touch action buttons
- 3 Keypad-activated panic alarms
- Adjustable backlight, contrast, and scroll speed
- Independently set chime zones
- Connects to 4-wire expansion bus
- 1 K32LX per SP system
- Supports K32RF and K37 keypads
- Compatible with SP5500/SP6000 version 4.72 and higher
- Compatible with SP4000 version 4.90 and higher (1 way communication only)

15577RF K37 - 32 ZONE WIRELESS FIXED ICON LCD KEYPAD

- Compatible with MG5050 V3.22, SP V3.00 and RTX3 V1.42
- Powered by 2 'AA' batteries (PA6 is optional)
- A 6V DC power adaptor (PA6 not included) is not required but can be used as an alternative power source
- Provides real-time zone and system status, and can be used to program the panel using only battery power (2 'AA' alkaline batteries)
- Goes into sleep mode after 20 seconds to save battery life, but remains synchronised with the panel in order to automatically wake up upon an entry delay or an alarm to provide full functionality (system status, zone display and buzzer)
- Fixed message display that guides in the operation of the system
- Displays the status of 32 zones in 2 partitions
- Displays arm, sleep, stay and disarmed status for each partition
- Displays StayD, troubles, bypassed zones and alarm memory
- In-field firmware upgrade via 307USB
- Adjustable backlight
- Built-in transceiver
- Wireless range in a typical residential environment: 40m (130ft)
- 8 One-touch action buttons
- 3 Keypad-activated panic alarms
- The 6V DC power adaptor is not required but can be used as an alternative power source (PA6 not included)

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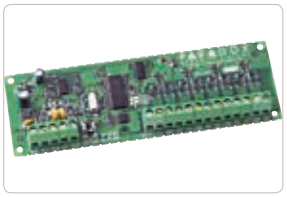
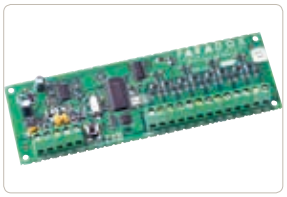
SP Expansion Modules

15350 ZX8 - BUS 8 ZONE EXPANDER MODULE



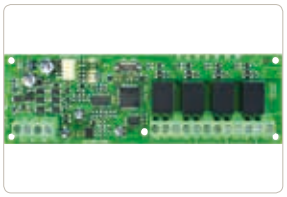
- Compatible with MG series, SP series, E series, and EVO
- Add 8 zones
- 1 PGM output
- Use zone input as an anti-tamper switch input

15463 ZX8SP - 8 ZONE EXPANSION MODULE



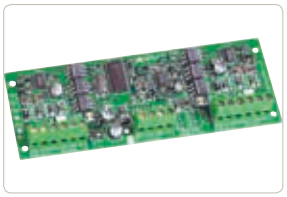
- Compatible with MG series, SP series, and E series
- Add 8 zones
- 1 PGM output
- Use zone input as an anti-tamper switch input

15362 PGM4 - 4 OUTPUT RELAY BUS MODULE



- Compatible with E55/E65 (V2.00), MG/SP (V3.00) and EVO
- 4 Fully programmable 5A relay outputs
- Deactivate PGM after event and/or timer
- Pulse PGM output for fire alarms
- In-field firmware upgradeable

15358P HUB2 - 2 PORT LAN ISOLATOR



- Divide the bus into two completely isolated outputs (if one output fails, the other will continue to function)
- One input port, 2 completely isolated output ports
- Each output port provides communications up to 900m (3000ft)

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SP Wireless Devices

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10430 RPT1 - REPEATER PCB

- Built-in transceiver
- Allows to extend the range of wireless communications
- Select which zone, PGM and/or keypad signals are repeated
- Signal strength display
- 1 programmable 5A relay output
- Universal transmitter input (N.O./N.C.)
- In-field firmware upgrade via 307USB
- Wireless range to transceiver in a typical residential environment: 75m (240ft)
- Compatible with MG5050, MG6250 and RTX3. Note: The RPT1 is not supported by the RTX3 when connected to an EVO panel & SP4000
- AC input (16v AC, 20VA)
- Fits in 20cm x 25.5cm x 7.6cm (8in x 10in x 3in) and 28cm x 28cm x 7.6cm (11in x 11in x 3in) metal boxes
- Not compatible with REM3, SR150 and SR120

10401MG RTX3 - WIRELESS RECEIVER

- 32 Wireless zones (SP and EVO only)
- Maximum number of remote controls: 8 w/Esprit, 32 w/SP, 999 w/EVO
- Remote control compatibility
  EVO: REM1, REM2, REM15, REM101, REM3
  SP: REM1, REM2, REM3, REM15, REM101
  Esprit: REM1, REM15, REM 101
  Stand Alone: REM1, REM15, REM101
- Wireless PGMs (8 w/EVO, 16 w/SP)
- Functions with all Magellan transmitters including 2WPGM
- Supports two RPT1 and eight K37 Keypad (SP only)
- In-field firmware upgradeable via CV4USB
- RF Jamming supervision
- Low battery, tamper and check-in supervision
- Transmitter signal strength display
- 3 PGM outputs and 1 optional output
- Noise level test and indicator

CODE NUMBER	PRODUCT DESCRIPTION
10400MG	RCV3 Wireless Receiver for Spectra 1728
10401MG	RTX3 Wireless Receiver with 1 x Relay Output plus 2 Solid State Outputs

10403 RX1 - WIRELESS RECEIVER

- Compatible with SP series control panels (V4.54 and higher)
- 32 Wireless zones (SP series only)
- Maximum number of remote controls: 32
- Remote control compatibility: REM1, REM15, REM101
- Transmitter compatibility: DCT10, DCTXP2, DCT2, PMD2P, PMD75, PMD85, WS588P, WH588P, WC588P, NVR780, G550, GS250
- In-field firmware upgradable via In-Field firmware upgrade software
- RF Jamming supervision
- Low battery, tamper, and check-in supervision
- Transmitter signal strength display
- 2 PGMs outputs follow buttons 1 and 2 on REM1/REM15 (also programmable through the panel)

CODE NUMBER	PRODUCT DESCRIPTION
10403	RX1 Receiver with REM1 Remote
10403RX	RX1 Receiver only - No Remotes
10404	RX1 Receiver with 2 x REM1 Remotes
10405	RX1 Receiver with REM15 Remote
10406	RX1 Receiver with 2 x REM15 Remotes

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SP Wireless Devices

10407/B/WS/WB — REM101 - SINGLE BUTTON REMOTE

- Water resistant
- Panic function allows user to instantly send panic signal to monitoring station
- Manually-activated battery test function
- Visual indicator (LED) for arming actions and battery testing
- Includes lanyard attachment to facilitate portability; optional wrist strap and belt clip also available
- Includes easily-replaceable CR2032 battery, with a battery life of 3 years
- Available in black or white colour
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250 and RX1
  - 45m (150ft) with MG5050, K32LX and K641LX
  - 60m (200ft) with RTX3

CODE NUMBER	PRODUCT DESCRIPTION
10407	REM101 Single Button Transmitter
10407B	REM101 Belt Clip
10407WS	REM101 Wrist Strap
10407WB	WB101 Wall Bracket

10408 — REM15 - 4 BUTTON REMOTE

- Slim, ergonomic design
- Water resistant
- Perform up to 5 different actions
- Wireless range in a typical residential environment:
  - 30m (100ft) with all-in-one consoles and RX1
  - 45m (150ft) with MG5050
  - 60m (200ft) with RTX3/RPT1

10409 — REM3 - HAND HELD 2 WAY REMOTE KEYPAD

- Compatible with MG5050, and SP series V3.00 or higher, RTX3 V1.31or higher and EVO Panels V2-1 or higher
- Supports StayD
- System status memory: The REM3 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status–even when out of range. Used to confirm the last action you did on the system while away from the system
- Configure which partitions the REM3 arms/disarms
- Built-In transceiver
- Independent arm, sleep, stay and off buttons and LED display per partition
- Control up to 6 PGMs and/or generate panics
- Keypad mode: requires code entry
  Remote mode: one-touch arming/disarming
- Installer diagnostic mode:
  Partition 1 LEDs = Signal strength display
  Partition 2 LEDs = RF interference display
- Provides visual and auditory feedback of system status
- Press the status button to receive system status
- Label to identify remote control owner
- Compact, water-resistant design
- Size: 8cm x 3.4cm x 1.5cm (3.1in x 1.3in x 0.6in)
- Range 45m

10412MG — REM1 - 4 BUTTON REMOTE

- Water resistant, stylish clear blue plastic with backlight for buttons
- Perform up to 5 different actions
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250
  - 45m (150ft) with MG5050
  - 60m (200ft) with RTX3

SP Wireless Devices

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

10413MG — REM2 - 2 WAY 5 BUTTON REMOTE

- Supports StayD (Version 2.0 or higher)
- System status memory: The REM2 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status–even when out of range. Used to confirm the last action you did on the system while away from the system
- Built-in transceiver
- Displays system status using visual (LED) and auditory feedback
- Press the Status button at any time to receive the system status
- Perform up to 6 different actions per remote control
- Compact, water-resistant design with backlight for buttons
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250
  - 45m (150ft) with MG5050/RTX3/RPT1

SP Wireless Devices

10410MG — PMD2P - WIRELESS PIR

- Dual element sensor
- Immune to animals weighing up to 18kg (40lb)
- 11m x 11m (35ft x 35ft) and up to 15m (50ft) for center beams with 88.5° viewing angle
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using PMD75
- MG Only (not Omnia)
- Patented auto pulse signal processing
- Automatic temperature compensation
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period
- Dual tamper mechanism (wall/cover)
- Slide switch to select high or low sensitivity
- EN 300-200 certified
- EN 50131 certified

10411MG — PMD75 - WIRELESS PET PIR

- Patented digital motion detection
- Dual optics (2 dual opposed element sensors)
- Immune to animals weighing up to 40kg (90lb)
- Digital dual opposed detection
- Digital shield algorithm with adjustable sensitivity
- Single or dual edge processing
- 11m x 11m (35ft x 35ft) with 90° viewing angle
- MG or Omnia
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Patented auto pulse signal processing
- Automatic temperature compensation
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period

10417MG — PMD85 - WIRELESS OUTDOOR PIR

- Impact and temperature resistant casing
- Operates at -35°C to +50°C (-31°F to +122°F)
- Casing lined with an injected rubber gasket
- UV protected lens
- Dual optical filtering system
- Multi-level sensitivity adjustment
- Patented digital motion detection
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period
- Can be used with the 'Heavy duty outdoor swivel bracket' (SB85)
- Patented animal immunity (up to 40kg/90lbs)
- 11m (35ft) x 11m (35ft); 90° viewing angle

10418MG — PMD85 - VERTICAL CURTAIN OUTDOOR PIR

- Impact and temperature resistant casing
- Operates at -35°C to +50°C (-31°F to +122°F)
- Casing lined with an injected rubber gasket
- UV protected lens
- Dual optical filtering system
- Multi-level sensitivity adjustment
- Patented digital motion detection
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period
- Can be used with the 'Heavy duty outdoor swivel bracket' (SB85)
- Protects corridors or vertical surfaces such as walls or balcony doors
- 13m (43ft) x 2 beams; 5.64° viewing angle

SP Wireless Devices

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

10422 NVR780 - WIRELESS OUTDOOR PIR

Advanced digital technology:

- Two double passive infrared motion detector with eight narrow detection beams, managed by full authority digital electronics control (FADEC)
- High-resolution and full dynamic range digital signal conversion
- High-speed, advanced algorithm digital signal processing
- Digital EMI/RFI interference rejection
- True pet immunity, up to 40kg (90lb)

Advanced optical technology:

- 4x dual element sensors arrangement
- High efficiency long focal point (1.77in.) lens, providing long-range narrow beams
- 2 pairs of narrow beams per side provide 2 x signals per protected area crossing for increased 'catch' and false alarm rejection
- Combination optics of mirror reflector and 2nd generation Fresnel 'LoDiff' Lens
- Increased white light rejection

Advanced wireless operation:

- Ultra low power management operation with Paradox Effi+ circuit
- Dual tamper detection (removal of cover or unit)

Easy installation and setup:

- Single or dual zone operation modes: two sides can report to a single zone or to two separate zones
- Optical and digital range adjustments
- Bright LED and buzzer indicator for clear adjustment feedback
- No need for PCB removal
- Wall mount, with built-in level tool
- In-field firmware upgradable via serial port

10419MG GS250 - GPOWER WIRELESS MULTI-AXIS DETECTOR (ACCELEROMETER)

- Three-axis (X, Y, and Z axis) accelerometer detection
- Adjustable sensitivity for any installation (grace period of up to 4 seconds can be added):
  -Short movement (High-security) = 1 to 3-seconds
  -Long movement (Standard-security) = 3 to 5-seconds
- Long battery life (2 years with two detections per week)
- Low battery and RF supervision
- Dual-tamper detection for removal or opening of the device
- Power saving mode (conserves battery life)

10420MG WS588P - WIRELESS SMOKE DETECTOR

- One high-sensitivity photoelectric smoke sensor
- Compact, low-profile design
- Built-in siren
- Protection against the ingress of foreign bodies/insect guard
- CE and EN 14604 certified

10421 WH588P - WIRELESS HEAT DETECTOR

- Fixed temperature heat sensor
- DC battery operated wireless alarm
- Compact, low-profile design
- Built-in siren
- Protection against the ingress of foreign bodies/insect guard
- Anti-tamper sensor
- Test button
- LED operation indicator
- Low battery indicator
- Easy installation
- CE certified

10423 WC588P - WIRELESS CARBON MONOXIDE DETECTOR

- Highly sensitive electrochemical carbon monoxide sensor
- DC battery operated wireless alarm
- Compact, low-profile design
- Built-in siren
- Protection against the ingress of foreign bodies/insect guard
- Anti-tamper sensor
- Test/Hush button
- LED operation indicator
- Low battery indicator
- Easy installation
- CE and EN 50291 certified

SP Wireless Devices

10414MG — DCT10 - UNIVERSAL TRANSMITTER

- 2-Zone capabilities where each zone is independent and has its own serial number
- Zone 1 - one of two high-sensitivity reed switches (magnet included)
- Zone 2 - universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Low battery and signal transmission LED
- Anti-tamper switch
- Dimensions:
  12.4cm x 4.5cm x 3.3cm (4.9in x 1.8in x 1.3in)

10415MG — DCT2 - MINI TRANSMITTER

- One high-sensitivity reed switch (magnet included)
- Wireless range in a typical residential environment:
  - 20m (65ft) with MG6250;
  - 40m (130ft) with MG5050 and RTX3
- Anti-tamper switch
- Dimensions:
  4.4cm x 3.0cm x 1.7cm (1.7in x 1.2in x 0.7in)

10416MG — DCTXP2 - MEDIUM TRANSMITTER

- 2-Zone capabilities where each zone is independent and has its own serial number
- Zone 1 - one high-sensitivity reed switch (magnet included)
- Zone 2 - universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250;
  - 60m (200ft) with MG5050 and RTX3
- Anti-tamper switch
- Dimensions:
  11cm x 3.2cm x 2.5cm (4.4in x 1.3in x 1in)

10425 — 2WPGM - 2 WAY PGM TRANSCEIVER

- 2-Way communication allows the 2WPGMs to receive commands from Magellan Transceivers and then confirm the command
- Backup alarm reporting option (activates PGM output if communication between the Magellan All-In-One-Consoles and the 2WPGM is lost)
- 1 Fully programmable 5A relay output
- Deactivate PGMs after event or timer
- Requires an AC or DC input voltage (6v AC to 16.5v AC or 5v DC to 30v DC)
- Can be powered by the PA12
- Universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050
- Anti-tamper switch
- Dimensions:
  12.5cm x 4.6cm x 2.5cm (4.9in x 1.8in x 1.0in)

SP Wireless Devices

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

10440 SR150 - WIRELESS SIREN FOR MG5050 WITH BLUE LIGHT

- Compatible with MG series V4.0 (except SP4000) and SP series V4.0 when using an RTX3 V1.5
- Built-in transceiver
- 100db wireless siren with integrated strobe light
- Weather-resistant design using a PC/ABS enclosure with UV protection and a silicone coated PCB (-20°C to 50°C/-4°F to 122°F)
- Battery powered only, no need for AC power
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Fast alarm response time (4 seconds)
- 2.5 hour alarm display (strobe flashes every 4 seconds after bell cut-off)
- Siren presence supervised by control panel
- Dual tamper protection (cover removal, and removal from wall)
- Assign up to 4 sirens per control panel
- In-field firmware upgradeable via 307USB
- Siren test mode
- 4-LED signal strength and status display
- Strobe lens available in 4 colours (red, blue, amber, and clear)
- Fully powered using three 1.5v DC type 'D' alkaline batteries (included). Not required, but can also be powered using 8-16v AC/9-20v DC power supply
- Dimensions: 24cm x 6cm x 18cm (9.5in x 2.3in x 7in)

10441 SR120 - WIRELESS INTERNAL SIREN WITH BUILT-IN STROBE

- Compatible with MG series V4.0 and SP series V4.0 (except SP4000) when using an RTX3 V1.5
- Built-in transceiver
- Wireless siren (100dB or more) with integrated strobe light
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Fast alarm response time (within 4 seconds)
- 2.5 hour alarm display (strobe flashes every 4 seconds after bell cutoff)
- Siren presence supervised by control panel
- Dual tamper protection (cover removal, and removal from wall)
- Assign a total of 4 sirens per control panel (including SR150)
- In-field firmware upgradeable via 307USB
- Siren test mode
- Signal strength/RF transmission and status LED
- Fully powered using three 1.5v DC type 'C' alkaline batteries (not included)
- Dimensions: 15.2cm x 4.6cm x 10.9cm (6in x 1.8in x 4.3in)
- Dimensions: 15.2cm x 4.6cm x 10.9cm (6in x 1.8in x 4.3in)

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SP Communicator Modules

35270 PCS250 - GPRS/GSM COMMUNICATOR MODULE

- Compact, sleek design
- Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- Report via text message (up to 16 cell phone numbers)
- Control panel communication supervision
- End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- Send pre-recorded voice messages to up to 8 telephone numbers to report alarms using the optional VDMP3 Paradox Plug-in Voice Module (GSM mode)
- Simple installation with 4-wire serial connection
- Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this
- Report via GSM (CID, SIA)

35271 PCS250G - GPRS COMMUNICATOR MODULE

- Compact, sleek design
- Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- Report via text message (up to 16 cell phone numbers)
- Control panel communication supervision
- End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- Simple installation with 4-wire serial connection
- Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this

15398 IP150 - INTERNET MODULE

- SSL support for sending secured emails via a secure sockets layer; a protocol for encrypting information over the internet
- HTTPS support for improving security (hypertext transfer protocol secure; a widely used communications protocol for secure communication over a computer network)
- Two I/O's on board; controlled via the web interface, triggering an email
- Event log on web interface; displays last 64 events
- Easy installation; built-in clip for mounting in a metal box
- Report control panel events via IP to the Paradox IPR512 GPRS/IP monitoring receiver
- Control and monitor a control panel through an IP network (LAN/WAN/internet)
- Compatible with SP series (V2.10 or higher), MG5050 (V2.10 or higher) and EVO control panels
- Use NEware or BabyWare (V2 or higher) to access your system through the Internet
- Receive notification of system alarms via email
- Arm/disarm individual partitions via web browser
- View live status of all zones and partitions (e.g., open/close, arm/disarm, troubles and alarms) via web browser
- Paradox MyHome available for dynamic IP address
- Very low bandwidth consumption
- Supported language: English

15333 VDMP3 - PLUG IN VOICE MODULE FOR SP/MG, DIGIPLEX AND EVO

- Compatible with SP series (V2.10 or higher), MG series (V2.10 or higher), EVO control panels and PCS200 GSM module
- Record a 'Site ID' to identify the installation site (Requires EVO V2.10 to program)
- Dial up to 8 telephone numbers to report a burglar, panic or fire alarm using prerecorded messages
- Arm/disarm the system remotely via telephone
- Control PGMs and toggle utility keys remotely via telephone
- Voice-guided menu
- In-field upgradeable
- Connects directly onto the control panel

SP Software & Accessories

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

FREE DOWNLOAD — BABYWARE (V2.4) - PC SOFTWARE

- Compatible with EVO192, SP4000, SP65, SP5500, SP6000, SP7000, MG6250, MG5000 and MG5050
- Upload/download via GPRS (38K/bps) or IP (128K/bps)
- Same software for users and installers (user rights)
- Multi-account and multi-user capacity
- Controls firmware upgrade of control panel and system modules
- User friendly layout and operation
- Easy monitoring and site management tools
- Test Mode: Tests for zone connectivity and operation
- Powerful and fast sort, search and print capability
- Data backup and powerful undo and recycle bin features

15620 — PMC5 - MEMORY KEY FOR SP, EVO AND NE

- Used to download or upload system programming to or from a PC with BabyWare
- Lock switch to prevent accidental loss of data
- LED status indication
- Download or upload control panel/console programming within seconds
- Connect directly to memory connector on the control panel/console
- No need for a telephone line, PC or any other peripheral device

15162/A/15164 — 307 - DIRECT CONNECT INTERFACE

- Incorporates a USB port and a serial port (DB-9)
- Enables control panel to communicate with a PC at 60m (200ft)
- Connect from the control panel's serial port connector to a PC's serial (DB-9) or USB port
- Includes 3 LED status indicators (PC, Panel and RX/TX)
- Communication speed:
  - 57.6k baud (Magellan)
  - 38.4k baud (EVO)
  - 9.6k baud (MG series and SP series)

CODE NUMBER	PRODUCT DESCRIPTION
15162	307 Direct Connect Interface with 3m Serial Cable
15162A	307 Direct Connect Interface Only (no cables)
15164	307 Direct Connect Interface with 3m USB Cable

2 Paradox Magellan
Wireless Security Systems

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

MAGELLAN™

Paradox Magellan Solution
The Magellan line of two way wireless security systems offer you a combination of security, wireless convenience, easy installation and attractive consumer features for any residential or small commercial installation.

PARADOX MAGELLAN

- Paradox Compatibility Chart
- System Architecture
- Control Panels
- Keypads
- Expansion Modules
- Wireless Devices
- Communicator Modules
- Software & Accessories

Experience a new way of living with StayD offered in the MG5050. StayD simplifies your life and makes it safer by protecting you 24 hours a day, 7 days a week without ever having to disarm the system – even when entering an armed area. StayD lives with you and protects you at all times, without any unprotected periods, and while automatically re-arming the system so you don't have to remember to do it.

With their in-field firmware upgrade capability, the Magellan line allows installers to upgrade their system without hassle — quickly, easily and on site. And to further facilitate installation, every Magellan panel can be configured using easy-to-follow menu-driven programming.

Magellan's console MG6250 is all-in-one wireless security system that combine unique consumer features such as a family message center and FM radio with high quality sound, with ease of use, high security, and a designer look you may never have associated with security.

PARADOX® SECURITY SYSTEMS

Paradox Compatibility Chart

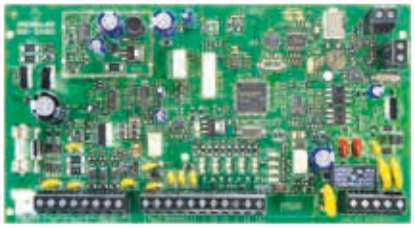
ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

PARADOX CONTROL SYSTEMS	SP4000	SP5500	SP6000	MG5050	MG6250	EVO192
Specifications						
On-Board Zones/Maximum Zones	4/32	5/32	8/32	5/32	2/64	8/192
On-Board PGMs/Maximum PGMs	1/12	2/16	2/16	4/16	2/8	5/250
User Codes	32	32	32	32	32	999
Partitions	2	2	2	2	2	8
Wireless Receiver on Board	No	No	No	Yes	Yes	No
Access Control Doors	0	0	0	0	0	32
Keypads: LED						
K636 - 10 Zones, 1 Partition (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10H - 10 Zones, 2 Partitions (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10V - 10 Zones, 2 Partitions (Vertical)	Yes	Yes	Yes	Yes	No	No
K32 - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
Keypad: LCD						
K32LCD - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K641 - 192 Zones, 8 Partitions	No	No	No	No	No	Yes
K641R - 192 Zone, 8 Partitions, Built-in Access Control	No	No	No	No	No	Yes
K32LX - 32 Zones, 2 Partitions, Built-in Transceiver	Yes	Yes	Yes	Yes	No	No
Keypads: FIXED ICON						
K35 - Fixed Icon, 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K37 - Fixed Icon, 32 Zones, 2 Partitions, Wireless	No	Yes*	Yes*	Yes	No	No
Touch Screen						
TM50	Yes**	Yes	Yes	Yes	No	Yes
Expansion Modules						
ZX1	No	No	No	No	No	Yes
ZX4	No	No	No	No	No	Yes
ZX8	Yes	Yes	Yes	Yes	No	Yes
ZX8SP	Yes	Yes	Yes	Yes	No	No
PGM-4	Yes	Yes	Yes	Yes	No	Yes
HUB2	Yes	Yes	Yes	Yes	No	Yes
Wireless Receivers						
RX1 - (Does not support 2 Way Wireless Devices)	1	1	1	No	No	No
RTX3 - Transceiver	1	1	1	No	No	Up to 254
K32LX - Keypad Transceiver	1	1	1	No	No	No
RPT1 - Repeater	No	2*	2*	2	4	No

* Compatible when using a Wireless Receiver/RTX3

** Compatible when using version 4.9 and above only

MG5050 System Architecture



15535: MG5050
5-32 Zone Wireless Transceiver Control Panel

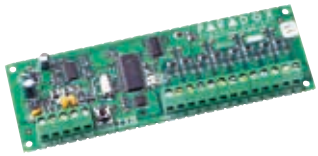
4-Wire Expansion BUS

SP Hardwired Keypads

15578B/W: TM50 Touch

15580: K32LCD 32 Zone LCD Keypad
15577: K35 32 Zone Fixed LCD Keypad
15575: K32 32 Zone LED Keypad
15570: K10H 10 Zone Horizontal LED Keypad
15570v: K10V 10 Zone Vertical LED Keypad
15572: K636 10 Zone LED Keypad (1 Partition)
15578B/W: TM50 Touch - Intuitive Touchscreen

SP Hardwired Expansion Modules



15463: ZX8SP 8Zone Expansion Module

15463: ZX8SP 8 Zone Expansion Module
15362: PGM4 4 PGMs Expansion Module
15350: ZX8 8 Zone Expansion Module

35270: PCS 250

15398: IP150 Internet Module

15333: VDMP3 Plug-in Voice Module

15358P: HUB2 2 Port Hub & Bus Isolator

SP Accessories
15620: PMC5 Memory Key
15162: 307USB Direct Connect Interface
BabyWare PC Software

Magellan Wireless Architecture

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

Wireless Repeater Module

10430: RPT1 Wireless Repeater Module

10419MG: GS250 GPower Wireless Multi-Axis Detector

10422: NVR780 Wireless Outdoor Detector

15577RF: K37 32-Zone Wireless Fixed Icon Keypad

10408: REM15 4-Button Remote

10412MG: REM1 4-Button Remote

10413MG: REM2 2-Way Button Remote

10409: REM3 2-Way Remote

10407MG: REM101 Single Button Transmitter

10425: 2WPGM 2-Way Wireless PGM

10424: GlassBreak

10420MG: WS588P Smoke Detector

10421MG: WH588P Heat Detector

10423MG: WC588P Carbon Monoxide Detector

10410MG: PMD2P Wireless PIR

10411MG: PMD75 Pet Immunity PIR

10417MG: PMD85 Outdoor PIR

10415MG: DCT2 Ultra Small Door Contact

10416MG: DCTXP2 2-Zone Wireless Door Contact

10414MG: DCT10 2-Zone Long-Range Door Contact

10440: SR150 2 Way Wireless External Siren

10441: SR120 2 Way Wireless Internal Siren

MG Control Panels

15535 MG5050 - 5 TO 32 ZONE WIRELESS HYBRID SYSTEM

CODE NUMBER	PRODUCT DESCRIPTION
15535P	MG5050 - PCB Only
15535Z	MG5050 - Paradox Cabinet
15535ZX	MG5050 - Paradox Cabinet, Plug Pack
15535	MG5050 - Paradox Cabinet, K10H Keypad
15535X	MG5050 - Paradox Cabinet, K10H Keypad, Plug Pack
15535V	MG5050 - Paradox Cabinet, K10V Keypad
15535VX	MG5050 - Paradox Cabinet, K10V Keypad, Plug Pack
15535L	MG5050 - Paradox Cabinet, K32 LED Keypad
15535LX	MG5050 - Paradox Cabinet, K32 LED Keypad, Plug Pack
15535I	MG5050 - Paradox Cabinet, K35 Fixed Icon Keypad
15535IX	MG5050 - Paradox Cabinet, K35 Fixed Icon Keypad, Plug Pack
15535C	MG5050 - Paradox Cabinet, K32LCD Keypad
15535CX	MG5050 - Paradox Cabinet, K32LCD Keypad, Plug Pack
15535W	MG5050 - Paradox Cabinet, K37 Wireless Fixed Icon Keypad
15535WX	MG5050 - Paradox Cabinet, K37 Wireless Fixed Icon Keypad, Plug Pack
15535TB	MG5050 - Paradox Cabinet, TM50 Touch-Black
15535TW	MG5050 - Paradox Cabinet, TM50 Touch-White

10470/10472/10451 MG6250 - 64 ZONE WIRELESS PANEL

CODE NUMBER	PRODUCT DESCRIPTION
10470	MG6250 64 Zone Wireless Panel with Plug Pack
10472	MG6250 64 Zone Wireless Panel Super Kit
10475	GPRS 14 Module

guaranteed payment **within 48 hours**

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MG Keypads

15578B/W — TM50 TOUCH - INTERFACE TOUCH SCREEN

- Thin, sleek design
  - 5.0in/12.7cm vivid colour display (480x272 pixels)
  - Intuitive, icon-based menus - no manual needed
- Control up to 8 PGM outputs
- In-field firmware upgradable via micro SD card
- Powerful advanced processor
- 1 Zone/temperature input to connect a detection device or a TEMP07 (External Temperature Sensor)
- Customised translation via web application
- Surface-mount installation only; dimensions 14.4 x 9.6 x 1.4 cm (5.7 x 3.8 x 0.6 in)
- Available in classic Piano black and Pristine white, as well as other exciting designer colours

CODE NUMBER	PRODUCT DESCRIPTION
15578B	TM50 Touch - Black
15578W	TM50 Touch - White
15579	Spot On Locator & Onescreen Monitoring License for TM50
15314	Paradox External Temperature Sensor for TM50
90123	Paradox TM50 Briefcase Display Unit

Covers only

CODE NUMBER	PRODUCT DESCRIPTION
15579AG	Apple Green Cover
15579SIL	Silver Cover
15579RB	Royal Blue Cover
15579VV	Vivid Violet Cover
15579CR	Crimson Red Cover

15572 — K636 - 10 ZONE HARDWIRED LED (SIMPLIFIED) KEYPAD

- Compatible with MG5050 and SP series
- Single partition keypad
- 10 Zone LED display
- StayD status LED
- Patented key light display (button lights up to indicate an open zone)
- Arm, sleep, stay and off keys illuminate to indicate partition status
- Adjustable backlight

15570/15570V — K10H - (HORIZONTAL) / K10V (VERTICAL) 10 ZONE HARDWIRED LED KEYPAD

- Compatible with MG5050 and SP series
- Supports StayD Mode
- 10 Zone LED display
- Separate arm, sleep, stay and off LED's per partition
- Patented key light display (button lights up to indicate an open zone)
- 1 Keypad zone input
- Independently set chime zones
- 7 One-touch action buttons
- 3 Keypad-activated panic alarms
- Adjustable backlight
- Connects to 4-wire communication bus

15575 — K32 - 32 ZONE HARDWIRED LED KEYPAD

- Compatible with MG5050 and SP series
- Supports StayD Mode
- 32 Zone LED display
- Separate arm, sleep, stay and Off LED's per partition
- In-field firmware upgrade via 307USB
- 1 Keypad zone input
- Independently set chime zones
- 7 One-touch action buttons
- 3 Keypad-activated panic alarms
- Adjustable backlight
- Connects to 4-wire communication bus

MG Keypads

15577 K35 - 32 ZONE HARDWIRED FIXED ICON LCD KEYPAD

- Compatible with MG5050 and SP series V2.31 and up
- Fixed message display that guides in the operation of the system
- Displays the status of 32 zones in 2 partitions
- StayD status icon
- Displays arm, sleep, stay and disarmed stasus for each partition
- Displays troubles, bypassed zones and alarm memory
- Adjustable backlight
- In-field firmware upgrade via 307USB
- 1 Keypad zone input
- Independently set chime zones
- 8 One-touch action buttons
- 3 Keypad-activated panic alarms
- Connects to 4-wire expansion bus

15580 K32LCD - ALPHA NUMERIC 32 CHARACTER HARDWIRED LCD KEYPAD

- 32-Character blue LCD with programmable labels
- Real-time zone alarm display (until disarmed)
- In-field firmware upgrade via 307USB
- StayD status LED
- Menu-driven programming for easy system setup (installer and end user)
- 1 Keypad zone input
- Independently set chime zones
- 8 One-touch action buttons
- 3 Eyepad-activated panic alarms
- Adjustable backlight, contrast and scroll speed
- Connects to 4-wire expansion bus
- Compatible with MG5050 and SP series V2.31 and up
- Compatible with SP4000, V4.90 and up

15582 K32LX - 32 CHARACTER HARDWIRED LCD KEYPAD WITH BUILT IN TRANSCEIVER

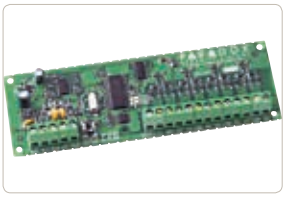
- Built-in transceiver
- 32-Character, blue LCD with programmable labels
- StayD with status LED
- Real-time zone alarm display
- In-field firmware upgradable via 307USB
- 1 Keypad zone input
- 1 PGM output (follows arm status)
- 8 One-touch action buttons
- 3 Keypad-activated panic alarms
- Adjustable backlight, contrast, and scroll speed
- Independently set chime zones
- Connects to 4-wire expansion bus
- 1 K32LX per SP system
- Supports K32RF and K37 keypads
- Compatible with SP5500/SP6000 version 4.72 and higher
- Compatible with SP4000 version 4.90 and higher (1 way communication only)

15577RF K37 - 32 ZONE WIRELESS FIXED ICON LCD KEYPAD

- Compatible with MG5050 V3.22, SP V3.00 and RTX3 V1.42
- Powered by 2 'AA' batteries (PA6 is optional)
- A 6V DC power adaptor (PA6 not included) is not required but can be used as an alternative power source
- Provides real-time zone and system status, and can be used to program the panel using only battery power (2 'AA' alkaline batteries)
- Goes into sleep mode after 20 seconds to save battery life, but remains synchronised with the panel in order to automatically wake up upon an entry delay or an alarm to provide full functionality (system status, zone display and buzzer)
- Fixed message display that guides in the operation of the system
- Displays the status of 32 zones in 2 partitions
- Displays arm, sleep, stay and disarmed status for each partition
- Displays StayD, troubles, bypassed zones and alarm memory
- In-field firmware upgrade via 307USB
- Adjustable backlight
- Built-in transceiver
- Wireless range in a typical residential environment: 40m (130ft)
- 8 One-touch action buttons
- 3 Keypad-activated panic alarms
- The 6V DC power adaptor is not required but can be used as an alternative power source (PA6 not included)

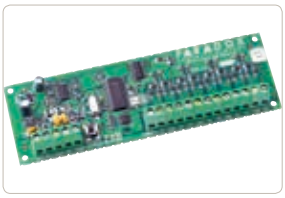
MG Expansion Modules

15350 ZX8 - BUS 8 ZONE EXPANDER MODULE



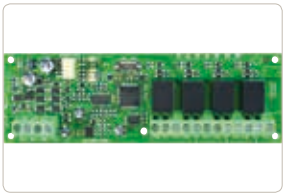
- Compatible with MG series, SP series, E series, and EVO
- Add 8 zones
- 1 PGM output
- Use zone input as an anti-tamper switch input

15463 ZX8SP - 8 ZONE EXPANSION MODULE



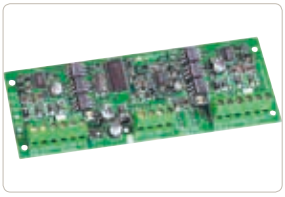
- Compatible with MG series, SP series, and E series
- Add 8 zones
- 1 PGM output
- Use zone input as an anti-tamper switch input

15362 PGM4 - 4 OUTPUT RELAY BUS MODULE



- Compatible with E55/E65 (V2.00), MG/SP (V3.00) and EVO
- 4 Fully programmable 5A relay outputs
- Deactivate PGM after event and/or timer
- Pulse PGM output for fire alarms
- In-field firmware upgradeable

15358P HUB2 - 2 PORT LAN ISOLATOR



- Divide the bus into two completely isolated outputs (if one output fails, the other will continue to function)
- One input port, 2 completely isolated output ports
- Each output port provides communications up to 900m (3000ft)

MG Wireless Devices

10430 RPT1 - REPEATER PCB

- Built-in transceiver
- Allows to extend the range of wireless communications
- Select which zone, PGM and/or keypad signals are repeated
- Signal strength display
- 1 programmable 5A relay output
- Universal transmitter input (N.O./N.C.)
- In-field firmware upgrade via 307USB
- Wireless range to transceiver in a typical residential environment: 75m (240ft)
- Compatible with MG5050, MG6250 and RTX3. Note: The RPT1 is not supported by the RTX3 when connected to an EVO panel & SP4000
- AC input (16v AC, 20VA)
- Fits in 20cm x 25.5cm x 7.6cm (8in x 10in x 3in) and 28cm x 28cm x 7.6cm (11in x 11in x 3in) metal boxes
- Not compatible with REM3, SR150 and SR120

MG Wireless Devices

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

10407/B/WS/WB — REM101 - SINGLE BUTTON REMOTE

- Water resistant
- Panic function allows user to instantly send panic signal to monitoring station
- Manually-activated battery test function
- Visual indicator (LED) for arming actions and battery testing
- Includes lanyard attachment to facilitate portability; optional wrist strap and belt clip also available
- Includes easily-replaceable CR2032 battery, with a battery life of 3 years
- Available in black or white colour
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250 and RX1
  - 45m (150ft) with MG5050, K32LX and K641LX
  - 60m (200ft) with RTX3

CODE NUMBER	PRODUCT DESCRIPTION
10407	REM101 Single Button Transmitter
10407B	REM101 Belt Clip
10407WS	REM101 Wrist Strap
10407WB	WB101 Wall Bracket

10408 — REM15 - 4 BUTTON REMOTE

- Slim, ergonomic design
- Water resistant
- Perform up to 5 different actions
- Wireless range in a typical residential environment:
  - 30m (100ft) with all-in-one consoles and RX1
  - 45m (150ft) with MG5050
  - 60m (200ft) with RTX3/RPT1

10409 — REM3 - HAND HELD 2 WAY REMOTE KEYPAD

- Compatible with MG5050, and SP series V3.00 or higher, RTX3 V1.31or higher and EVO Panels V2-1 or higher
- Supports StayD
- System status memory: The REM3 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status–even when out of range. Used to confirm the last action you did on the system while away from the system
- Configure which partitions the REM3 arms/disarms
- Built-In transceiver
- Independent arm, sleep, stay and off buttons and LED display per partition
- Control up to 6 PGMs and/or generate panics
- Keypad mode: requires code entry
  Remote mode: one-touch arming/disarming
- Installer diagnostic mode:
  Partition 1 LEDs = Signal strength display
  Partition 2 LEDs = RF interference display
- Provides visual and auditory feedback of system status
- Press the status button to receive system status
- Label to identify remote control owner
- Compact, water-resistant design
- Size: 8cm x 3.4cm x 1.5cm (3.1in x 1.3in x 0.6in)
- Range 45m

10412MG — REM1 - 4 BUTTON REMOTE

- Water resistant, stylish clear blue plastic with backlight for buttons
- Perform up to 5 different actions
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250
  - 45m (150ft) with MG5050
  - 60m (200ft) with RTX3

MG Wireless Devices

10413MG — REM2 - 2 WAY 5 BUTTON REMOTE

- Supports StayD (Version 2.0 or higher)
- System status memory: The REM2 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status–even when out of range. Used to confirm the last action you did on the system while away from the system
- Built-in transceiver
- Displays system status using visual (LED) and auditory feedback
- Press the Status button at any time to receive the system status
- Perform up to 6 different actions per remote control
- Compact, water-resistant design with backlight for buttons
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250
  - 45m (150ft) with MG5050/RTX3/RPT1

MG Wireless Devices

10410MG — PMD2P - WIRELESS PIR

- Dual element sensor
- Immune to animals weighing up to 18kg (40lb)
- 11m x 11m (35ft x 35ft) and up to 15m (50ft) for center beams with 88.5° viewing angle
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using PMD75
- MG Only (not Omnia)
- Patented auto pulse signal processing
- Automatic temperature compensation
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period
- Dual tamper mechanism (wall/cover)
- Slide switch to select high or low sensitivity
- EN 300-200 certified
- EN 50131 certified

10411MG — PMD75 - WIRELESS PET PIR

- Patented digital motion detection
- Dual optics (2 dual opposed element sensors)
- Immune to animals weighing up to 40kg (90lb)
- Digital dual opposed detection
- Digital shield algorithm with adjustable sensitivity
- Single or dual edge processing
- 11m x 11m (35ft x 35ft) with 90° viewing angle
- MG or Omnia
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Patented auto pulse signal processing
- Automatic temperature compensation
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period

10417MG — PMD85 - WIRELESS OUTDOOR PIR

- Impact and temperature resistant casing
- Operates at -35°C to +50°C (-31°F to +122°F)
- Casing lined with an injected rubber gasket
- UV protected lens
- Dual optical filtering system
- Multi-level sensitivity adjustment
- Patented digital motion detection
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period
- Can be used with the 'Heavy duty outdoor swivel bracket' (SB85)
- Patented animal immunity (up to 40kg/90lbs)
- 11m (35ft) x 11m (35ft); 90° viewing angle

10418MG — PMD85 - VERTICAL CURTAIN OUTDOOR PIR

- Impact and temperature resistant casing
- Operates at -35°C to +50°C (-31°F to +122°F)
- Casing lined with an injected rubber gasket
- UV protected lens
- Dual optical filtering system
- Multi-level sensitivity adjustment
- Patented digital motion detection
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period
- Can be used with the 'Heavy duty outdoor swivel bracket' (SB85)
- Protects corridors or vertical surfaces such as walls or balcony doors
- 13m (43ft) x 2 beams; 5.64° viewing angle

MG Wireless Devices

10422 NVR780 - WIRELESS OUTDOOR PIR

Advanced digital technology:

- Two double passive infrared motion detector with eight narrow detection beams, managed by full authority digital electronics control (FADEC)
- High-resolution and full dynamic range digital signal conversion
- High-speed, advanced algorithm digital signal processing
- Digital EMI/RFI interference rejection
- True pet immunity, up to 40kg (90lb)

Advanced optical technology:

- 4x dual element sensors arrangement
- High efficiency long focal point (1.77in.) lens, providing long-range narrow beams
- 2 pairs of narrow beams per side provide 2 x signals per protected area crossing for increased 'catch' and false alarm rejection
- Combination optics of mirror reflector and 2nd generation Fresnel 'LoDiff' Lens
- Increased white light rejection

Advanced wireless operation:

- Ultra low power management operation with Paradox Effi+ circuit
- Dual tamper detection (removal of cover or unit)

Easy installation and setup:

- Single or dual zone operation modes: two sides can report to a single zone or to two separate zones
- Optical and digital range adjustments
- Bright LED and buzzer indicator for clear adjustment feedback
- No need for PCB removal
- Wall mount, with built-in level tool
- In-field firmware upgradable via serial port

10419MG GS250 - GPOWER WIRELESS MULTI-AXIS DETECTOR (ACCELEROMETER)

- Three-axis (X, Y, and Z axis) accelerometer detection
- Adjustable sensitivity for any installation (grace period of up to 4 seconds can be added):
  -Short movement (High-security) = 1 to 3-seconds
  -Long movement (Standard-security) = 3 to 5-seconds
- Long battery life (2 years with two detections per week)
- Low battery and RF supervision
- Dual-tamper detection for removal or opening of the device
- Power saving mode (conserves battery life)

10420MG WS588P - WIRELESS SMOKE DETECTOR

- One high-sensitivity photoelectric smoke sensor
- Compact, low-profile design
- Built-in siren
- Protection against the ingress of foreign bodies/insect guard
- CE and EN 14604 certified

10421 WH588P - WIRELESS HEAT DETECTOR

- Fixed temperature heat sensor
- DC battery operated wireless alarm
- Compact, low-profile design
- Built-in siren
- Protection against the ingress of foreign bodies/insect guard
- Anti-tamper sensor
- Test button
- LED operation indicator
- Low battery indicator
- Easy installation
- CE certified

10423 WC588P - WIRELESS CARBON MONOXIDE DETECTOR

- Highly sensitive electrochemical carbon monoxide sensor
- DC battery operated wireless alarm
- Compact, low-profile design
- Built-in siren
- Protection against the ingress of foreign bodies/insect guard
- Anti-tamper sensor
- Test/Hush button
- LED operation indicator
- Low battery indicator
- Easy installation
- CE and EN 50291 certified

MG Wireless Devices

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

10414MG — DCT10 - UNIVERSAL TRANSMITTER

- 2-Zone capabilities where each zone is independent and has its own serial number
- Zone 1 - one of two high-sensitivity reed switches (magnet included)
- Zone 2 - universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Low battery and signal transmission LED
- Anti-tamper switch
- Dimensions:
  12.4cm x 4.5cm x 3.3cm (4.9in x 1.8in x 1.3in)

10415MG — DCT2 - MINI TRANSMITTER

- One high-sensitivity reed switch (magnet included)
- Wireless range in a typical residential environment:
  - 20m (65ft) with MG6250;
  - 40m (130ft) with MG5050 and RTX3
- Anti-tamper switch
- Dimensions:
  4.4cm x 3.0cm x 1.7cm (1.7in x 1.2in x 0.7in)

10416MG — DCTXP2 - MEDIUM TRANSMITTER

- 2-Zone capabilities where each zone is independent and has its own serial number
- Zone 1 - one high-sensitivity reed switch (magnet included)
- Zone 2 - universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250;
  - 60m (200ft) with MG5050 and RTX3
- Anti-tamper switch
- Dimensions:
  11cm x 3.2cm x 2.5cm (4.4in x 1.3in x 1in)

10425 — 2WPGM - 2 WAY PGM TRANSCEIVER

- 2-Way communication allows the 2WPGMs to receive commands from Magellan Transceivers and then confirm the command
- Backup alarm reporting option (activates PGM output if communication between the Magellan All-In-One-Consoles and the 2WPGM is lost)
- 1 Fully programmable 5A relay output
- Deactivate PGMs after event or timer
- Requires an AC or DC input voltage (6v AC to 16.5v AC or 5v DC to 30v DC)
- Can be powered by the PA12
- Universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050
- Anti-tamper switch
- Dimensions:
  12.5cm x 4.6cm x 2.5cm (4.9in x 1.8in x 1.0in)

guaranteed payment **within 48 hours**

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MG Wireless Devices

10440 SR150 - WIRELESS SIREN FOR MG5050 WITH BLUE LIGHT

- Compatible with MG series V4.0 (except SP4000) and SP series V4.0 when using an RTX3 V1.5
- Built-in transceiver
- 100db wireless siren with integrated strobe light
- Weather-resistant design using a PC/ABS enclosure with UV protection and a silicone coated PCB (-20°C to 50°C/-4°F to 122°F)
- Battery powered only, no need for AC power
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Fast alarm response time (4 seconds)
- 2.5 hour alarm display (strobe flashes every 4 seconds after bell cut-off)
- Siren presence supervised by control panel
- Dual tamper protection (cover removal, and removal from wall)
- Assign up to 4 sirens per control panel
- In-field firmware upgradeable via 307USB
- Siren test mode
- 4-LED signal strength and status display
- Strobe lens available in 4 colours (red, blue, amber, and clear)
- Fully powered using three 1.5v DC type 'D' alkaline batteries (included). Not required, but can also be powered using 8-16v AC/9-20v DC power supply
- Dimensions: 24cm x 6cm x 18cm (9.5in x 2.3in x 7in)

10441 SR120 - WIRELESS INTERNAL SIREN WITH BUILT-IN STROBE

- Compatible with MG series V4.0 and SP series V4.0 (except SP4000) when using an RTX3 V1.5
- Built-in transceiver
- Wireless siren (100dB or more) with integrated strobe light
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Fast alarm response time (within 4 seconds)
- 2.5 hour alarm display (strobe flashes every 4 seconds after bell cutoff)
- Siren presence supervised by control panel
- Dual tamper protection (cover removal, and removal from wall)
- Assign a total of 4 sirens per control panel (including SR150)
- In-field firmware upgradeable via 307USB
- Siren test mode
- Signal strength/RF transmission and status LED
- Fully powered using three 1.5v DC type 'C' alkaline batteries (not included)
- Dimensions: 15.2cm x 4.6cm x 10.9cm (6in x 1.8in x 4.3in)
- Dimensions: 15.2cm x 4.6cm x 10.9cm (6in x 1.8in x 4.3in)

MG Communicator Modules

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

35270 PCS250 - GPRS/GSM COMMUNICATOR MODULE

- Compact, sleek design
- Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- Report via text message (up to 16 cell phone numbers)
- Control panel communication supervision
- End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- Send pre-recorded voice messages to up to 8 telephone numbers to report alarms using the optional VDMP3 Paradox Plug-in Voice Module (GSM mode)
- Simple installation with 4-wire serial connection
- Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this
- Report via GSM (CID, SIA)

35271 PCS250G - GPRS COMMUNICATOR MODULE

- Compact, sleek design
- Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- Report via text message (up to 16 cell phone numbers)
- Control panel communication supervision
- End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- Simple installation with 4-wire serial connection
- Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this

15398 IP150 - INTERNET MODULE

- SSL support for sending secured emails via a secure sockets layer; a protocol for encrypting information over the internet
- HTTPS support for improving security (hypertext transfer protocol secure; a widely used communications protocol for secure communication over a computer network)
- Two I/O's on board; controlled via the web interface, triggering an email
- Event log on web interface; displays last 64 events
- Easy installation; built-in clip for mounting in a metal box
- Report control panel events via IP to the Paradox IPR512 GPRS/IP monitoring receiver
- Control and monitor a control panel through an IP network (LAN/WAN/internet)
- Compatible with SP series (V2.10 or higher), MG5050 (V2.10 or higher) and EVO control panels
- Use NEware or BabyWare (V2 or higher) to access your system through the Internet
- Receive notification of system alarms via email
- Arm/disarm individual partitions via web browser
- View live status of all zones and partitions (e.g., open/close, arm/disarm, troubles and alarms) via web browser
- Paradox MyHome available for dynamic IP address
- Very low bandwidth consumption
- Supported language: English

15333 VDMP3 - PLUG IN VOICE MODULE FOR SP/MG, DIGIPLEX AND EVO

- Compatible with SP series (V2.10 or higher), MG series (V2.10 or higher), EVO control panels and PCS200 GSM module
- Record a 'Site ID' to identify the installation site (Requires EVO V2.10 to program)
- Dial up to 8 telephone numbers to report a burglar, panic or fire alarm using prerecorded messages
- Arm/disarm the system remotely via telephone
- Control PGMs and toggle utility keys remotely via telephone
- Voice-guided menu
- In-field upgradeable
- Connects directly onto the control panel

MG Software & Accessories

FREE DOWNLOAD — BABYWARE (V2.4) - PC SOFTWARE

- Compatible with EVO192, SP4000, SP65, SP5500, SP6000, SP7000, MG6250, MG5000 and MG5050
- Upload/download via GPRS (38K/bps) or IP (128K/bps)
- Same software for users and installers (user rights)
- Multi-account and multi-user capacity
- Controls firmware upgrade of control panel and system modules
- User friendly layout and operation
- Easy monitoring and site management tools
- Test Mode: Tests for zone connectivity and operation
- Powerful and fast sort, search and print capability
- Data backup and powerful undo and recycle bin features

15620 — PMC5 - MEMORY KEY FOR SP, EVO AND NE

- Used to download or upload system programming to or from a PC with BabyWare
- Lock switch to prevent accidental loss of data
- LED status indication
- Download or upload control panel/console programming within seconds
- Connect directly to memory connector on the control panel/console
- No need for a telephone line, PC or any other peripheral device

15162/A/15164 — 307 - DIRECT CONNECT INTERFACE

- Incorporates a USB port and a serial port (DB-9)
- Enables control panel to communicate with a PC at 60m (200ft)
- Connect from the control panel's serial port connector to a PC's serial (DB-9) or USB port
- Includes 3 LED status indicators (PC, Panel and RX/TX)
- Communication speed:
  - 57.6k baud (Magellan)
  - 38.4k baud (EVO)
  - 9.6k baud (MG series and SP series)

CODE NUMBER	PRODUCT DESCRIPTION
15162	307 Direct Connect Interface with 3m Serial Cable
15162A	307 Direct Connect Interface Only (no cables)
15164	307 Direct Connect Interface with 3m USB Cable

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3 Paradox EVO
High-Security & Access Systems

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

DIGIPLEX EVO

Paradox EVO Solution
EVO systems provide the highest level of protection for banks, high-security military and government sites, luxurious residential homes and any place where maximum security is essential.

PARADOX EVO

- Paradox Compatibility Chart
- System Architecture
- Control Panel
- Keypads
- Expansion Modules
- BUS Detectors
- Access Control
- Speciality Accessories
- Wireless Devices
- Communicator Modules
- Software & Accessories

These systems are designed to be easy to use and the modular concept of these systems provides installers with labour-saving features that make expanding, installing and servicing these systems quick and convenient.

Expand your system by adding plug-and-play expansion modules anywhere and in any combination on the 4-wire combus. Modules are connected to the combus at the most convenient location and then their zone inputs are assigned to the desired zone and partition. Also, only a module's used inputs are assigned to zones in the system. Keyswitches, remote controls and unused module inputs do not use up zones. Once installed, all combus modules, including motion detectors, can be programmed remotely via a keypad or the BabyWare PC Software.

EVO integrate access control solutions. Your alarm system user database can be used to manage the access to up to 32 doors, and the monitoring of these doors can be included in any partitions. You can also use NEware to manage users and access permissions. By merging security and access control, the EVO increase the level of protection offered by security systems to a new level.

PARADOX® SECURITY SYSTEMS

Paradox Compatibility Chart

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

PARADOX CONTROL SYSTEMS	SP4000	SP5500	SP6000	MG5050	MG6250	EVO192
Specifications						
On-Board Zones/Maximum Zones	4/32	5/32	8/32	5/32	2/64	8/192
On-Board PGMs/Maximum PGMs	1/12	2/16	2/16	4/16	2/8	5/250
User Codes	32	32	32	32	32	999
Partitions	2	2	2	2	2	8
Wireless Receiver on Board	No	No	No	Yes	Yes	No
Access Control Doors	0	0	0	0	0	32
Keypads: LED						
K636 - 10 Zones, 1 Partition (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10H - 10 Zones, 2 Partitions (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10V - 10 Zones, 2 Partitions (Vertical)	Yes	Yes	Yes	Yes	No	No
K32 - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
Keypad: LCD						
K32LCD - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K641 - 192 Zones, 8 Partitions	No	No	No	No	No	Yes
K641R - 192 Zone, 8 Partitions, Built-in Access Control	No	No	No	No	No	Yes
K32LX - 32 Zones, 2 Partitions, Built-in Transceiver	Yes	Yes	Yes	Yes	No	No
Keypads: FIXED ICON						
K35 - Fixed Icon, 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K37 - Fixed Icon, 32 Zones, 2 Partitions, Wireless	No	Yes*	Yes*	Yes	No	No
Touch Screen						
TM50	Yes**	Yes	Yes	Yes	No	Yes
Expansion Modules						
ZX1	No	No	No	No	No	Yes
ZX4	No	No	No	No	No	Yes
ZX8	Yes	Yes	Yes	Yes	No	Yes
ZX8SP	Yes	Yes	Yes	Yes	No	No
PGM-4	Yes	Yes	Yes	Yes	No	Yes
HUB2	Yes	Yes	Yes	Yes	No	Yes
Wireless Receivers						
RX1 - (Does not support 2 Way Wireless Devices)	1	1	1	No	No	No
RTX3 - Transceiver	1	1	1	No	No	Up to 254
K32LX - Keypad Transceiver	1	1	1	No	No	No
RPT1 - Repeater	No	2*	2*	2	4	No

* Compatible when using a Wireless Receiver/RTX3

** Compatible when using version 4.9 and above only

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

EVO System Architecture

15301: EVO192, 192 Zone Control Panel

4-Wire Expansion BUS

35270: PCS 250

15398: IP150 Internet Module

15333: VDMP3 Plug-in Voice Module

15358P: HUB2 2 Port Hub & Bus Isolator

EVO Accessories
15620: PMC5 Memory Key
15162: 307USB Direct Connect Interface
15399: CV4USB Direct Connect Interface
15395: NEware End-User Software

EVO Hardwired Keypads

15578B/W: TM50 Touch

15310: K641 32 LCD Keypad
15311: K641R 32 LCD Keypad with Access Control
15326: ANC1 Annunciator Module
15578B: TM50 Touch - Intuitive Touchscreen
15578W: TM50 Touch - Intuitive Touchscreen

EVO Hardwired Expansion Modules

15350: ZX8

15352: ZX1 1-Zone Expansion Module
15335: ZX4 4-Zone Expansion Module
15353M: ZX16D 16-Zone Expansion Module
15351M: ZX32D 32-Zone Expansion Module

EVO Motion Detectors

00120: DG85 Outddor Digital Dual-Optic High-Performance PIR

00160: DM50 BUS PIR
00164: DM70 Digital Dual-Optic High-Perfromance PIR
00120: DG85 Outdoor Digital Dual-Optic High-Performance PIR
00121: DG85L2 Outdoor Curtain PIR
00152: DG467 360° Digital Ceiling Mounted PIR
05205: DG457 GlassBreak BUS

EVO Access Control

15368: ACM12

30105: Reader & Keypad

15368: ACM12 4-Wire Access Control Module
30100: R910 4-Wire Epoxy-Sealed Reader
30105: R915 4-Wire Sealed Reader & Keypad

For other readers and cards compatible with EVO, see the Access Control Section within this catalogue

EVO Speciality Accessories

15346: SUB1 Listen-in Substation

15345: LSN4 Listen-in Module
15346: SUB1 Listen-in Substation
15362: PGM4 4-PGM Expansion Module
15330: PRT3 Integration Module
50108: PS17 1.7A Power Supply Module

EVO Wireless Architecture

Evo Wireless Expansion Modules

10401MG: RTX3

10419MG: GS250 GPower
Wireless Multi-Axis Detector

10422: NVR780
Wireless Outdoor Detector

10425: 2WPGM
2-Way Wireless PGM

10424:
GlassBreak

10420MG:
WS588P
Smoke Detector

10421MG:
WH588P
Heat Detector

10423MG: WC588P
Carbon Monoxide
Detector

10408:
REM15
4-Button
Remote

10412MG:
REM1
4-Button
Remote

10413MG:
REM2
2-Way Button
Remote

10409:
REM3
2-Way
Remote

10407MG:
REM101
Single Button
Transmitter

10415MG: DCT2
Ultra Small
Door Contact

10416MG: DCTXP2
2-Zone
Wireless Door Contact

10414MG: DCT10
2-Zone Long-Range
Door Contact

10410MG:
PMD2P
Wireless PIR

10411MG:
PMD75
Pet Immunity PIR

10417MG:
PMD85
Outdoor PIR

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

EVO Control Panel

15301 EVO192 - 8 TO 192 ZONE SYSTEM

CODE NUMBER	PRODUCT DESCRIPTION
15385P	EVO192 - PCB Only
15301	EVO192 - Paradox Cabinet
15301C	EVO192 - Concept Chassis
15301S	EVO192 - Standard Concept Cabinet
15301L	EVO192 - Large Concept Cabinet
15385	EVO192 - Paradox Cabinet, K641 Keypad
15375TM4W	EVO192 - Paradox Cabinet, TM50 Touch-White
15375TM4B	EVO192 - Paradox Cabinet, TM50 Touch-Black
15390	EVO192 - Standard Concept Cabinet, K641 Keypad
15391	EVO192 - Large Concept Cabinet, K641 Keypad
15388	EVO192 - Paradox Cabinet, K641 Keypad, PosiProx Reader, ACMI2P, 307 Direct Connect + Serial Lead, NEWare Software

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EVO Keypads

15578B/W — TM50 TOUCH - INTERFACE TOUCH SCREEN

- Thin, sleek design
  - 5.0in/12.7cm vivid colour display (480x272 pixels)
  - Intuitive, icon-based menus - no manual needed
- Control up to 8 PGM outputs
- In-field firmware upgradable via micro SD card
- Powerful advanced processor
- 1 Zone/temperature input to connect a detection device or a TEMP07 (External Temperature Sensor)
- Customised translation via web application
- Surface-mount installation only; dimensions 14.4 x 9.6 x 1.4 cm (5.7 x 3.8 x 0.6 in)
- Available in classic Piano black and Pristine white, as well as other exciting designer colours

CODE NUMBER	PRODUCT DESCRIPTION
15578B	TM50 Touch - Black
15578W	TM50 Touch - White
15579	Spot On Locator & Onescreen Monitoring License for TM50
15314	Paradox External Temperature Sensor for TM50
90123	Paradox TM50 Briefcase Display Unit

Covers only

CODE NUMBER	PRODUCT DESCRIPTION
15579AG	Apple Green Cover
15579SIL	Silver Cover
15579RB	Royal Blue Cover
15579VV	Vivid Violet Cover
15579CR	Crimson Red Cover

15310 — K641 - 32 CHARACTER LCD KEYPAD

- Zone alarm display: the zones in alarm are shown until the system is disarmed
- In-field firmware upgradeable via a CONV4USB
- Simplified end-user remote control programming
- Supports DGP-848, EVO96, EVO48 and EVO192
- 32-Character blue LCD with programmable labels (via memory key, NEware or module broadcast feature)
- Assign to one or more partitions
- 1 Addressable zone and 1 PGM output
- Independently set chime zones
- 14 One-touch action buttons
- 3 Keypad-activated panic alarms
- Adjustable backlight, contrast and scroll speed
- Display time using the12hr or 24hr format

15311 — K641R - 32 CHARACTER LCD KEYPAD WITH ACCESS CONTROL

In addition to all features listed for K641 the K641R has in built Access Control Features

Access Control Features:

- Built In Card Reader
- Door Lock Output
- Door Reed Switch Input
- Open Collector Lock Output (50mA)
- DOTL Alarm Processing
- Door Forced Alarm Processing
- Arm / Disarm with Access Card
- Programmable Lock / Unlock Time Schedules

EVO Expansion Modules

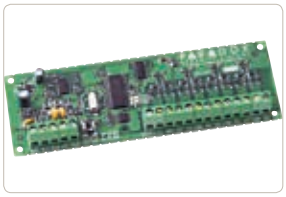
15352 ZX1 - 1 ZONE BUS MODULE FOR DIGIPLEX AND EVO

- 1 Addressable zone (2 with ATZ zone doubling feature)
- Set a different input speed for each zone (up to 255 minutes), which is ideal for temperature monitoring applications

15335 ZX4 - 4 ZONE BUS EXPANDER FOR DIGIPLEX, NE, SP AND EVO

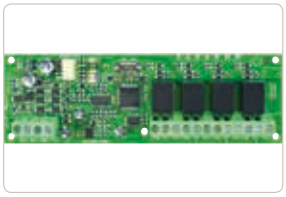
- 4 Addressable zones (8 with ATZ zone doubling feature)
- Set a different input speed for each zone (up to 255 minutes), which is ideal for temperature monitoring applications
- Use zone input as an anti-tamper switch input

15350 ZX8 - BUS 8 ZONE EXPANDER MODULE FOR DIGIPLEX, SP AND MG SERIES



- Compatible with MG series, SP series, E series, and Digiplex EVO
- Add 8 zones
- 1 PGM output
- Use zone input as an anti-tamper switch input

15362 PGM4 - 4 OUTPUT RELAY BUS MODULE FOR DIGIPLEX AND SP/MG



- Compatible with E55/E65 (V2.00), MG/SP (V3.00) and EVO
- 4 Fully programmable 5A relay outputs
- Deactivate PGM after event and/or timer
- Pulse PGM output for fire alarms
- In-field firmware upgradeable

50108 PS17 - BUS POWER SUPPLY IN CABINET

- 1.7A switching power supply
- Fully supervised (AC, battery, low battery & auxiliary limit)
- Selectable battery charge current (350mA/850mA)
- 1 PGM output
- Includes 20cm x 25.5cm x 7.6cm (8in. x 10in. x 3in.) metal box

CODE NUMBER	PRODUCT DESCRIPTION
50108	PS17 BUS Power Supply in Cabinet
50108P	PS17 BUS Power Supply - PCB Only

EVO BUS Detectors

00160 DM50 - BUS PIR

- Patented digital motion detection (no analogue circuitry)
- Digital auto pulse signal processing
- Digital shield algorithm software
- Metal shield maximises protection from EMI and RFI signals
- 12m (40ft) x 12m (40ft) range with 110° viewing angle

00164 DM70 - BUS PIR

- Dual optics (2 dual opposed element sensors)
- Provides superior pet immunity using a patented combination of advanced optics and digital processing technologies
- Immune to pets weighing up to 40kg (90lbs)
- Extremely reliable and false-alarm free
- Patented digital motion detection (no analogue circuitry)
- Digital auto pulse signal processing
- Digital shield algorithm software
- Metal shield maximises protection from EMI and RFI signals
- 10.5m (35ft) x 10.5m (35ft) range with 90° viewing angle

00120 DIGIGARD 85 - OUTDOOR PIR

- Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- Patented digital motion detection
- Extremely reliable and false-alarm free
- Dual optical filtering system
- UV protected lens
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Multi-level sensitivity adjustment
- Two operational modes (Bus or Relay operation)
- Can be used with the 'Heavy duty outdoor swivel bracket' (MG-SB85W)
- Patented animal immunity (up to 40kg/90lbs)
- 11m (35ft) x11m (35ft); 90° viewing angle

00121 DIGIGARD 85L2 - OUTDOOR CURTAIN PIR

- Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- Patented digital motion detection
- Extremely reliable and false-alarm free
- Dual optical filtering system
- UV protected lens
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Multi-level sensitivity adjustment
- Two operational modes (Bus or Relay operation)
- Can be used with the 'Heavy duty outdoor swivel bracket' (MG-SB85W)
- Protects corridors or vertical surfaces such as walls or balcony doors
- 13m (43ft) x 2 beams; 5.64° viewing angle

00152 PARADOME DG467 - PIR 360° COVERAGE FOR SMALL OFFICE

- Two operational modes (addressable for the Digiplex and Digiplex EVO series or conventional relay operation)
- Dual opposed element sensor
- Digital detection
- 7m x 6m (24ft x 20ft) at 2.4m (8ft)
- 11m x 6m (35ft x 20ft) at 3.7m (12ft)
- 360° viewing angle

05205 DG457 - GLASSBREAK BUS & RELAY ALARM DETECTOR

- Two operational modes (addressable for the Digiplex EVO series or conventional relay operation)
- Remote test mode when used with Test Trek V2
- Full audio and infrasonic spectrum analysis
- 7 Frequency digital filters, digital amplifier gain and frequency fluctuation assessment
- Impact and shock wave analysis
- High-immunity to RFI and EMI signals
- Adjustable sensitivity: covers up to 9m (30ft) when set to high and up to 4.5m (15ft) when set to low
- TestTrek (459) used for testing available separately
- Anti-tamper switch

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

EVO Access Control

15368 /C/L/P/S — ACM12 - SINGLE DOOR ACCESS MODULE

- Transformer sharing: use one transformer to power multiple modules that have this feature
- Grant access via card and/or panel access code with the R915
- Arm with card and pin with the R915
- Connections for 1 door (card reader, REX, door contact and lock output)
- Connect only 4 wires between the reader and ACM12 module when using a R910 or a R915 reader
- In-field firmware upgradeable
- Automatic unlocking schedule
- Door left open and Door forced open options
- Door unlock and extended delay timers
- Unlock door manually with button or PGM event
- Unlock door on fire alarm option
- Safe mode option (during a communication loss, the access control door connected to the module can grant access to up to 4 specified cards or any valid access card)
- Built-in supervised 1.5A switching power supply
- Push button to activate or deactivate the auxiliary output
- Supports 4-wire and 26-bit Wiegand card readers
- Fits in a 20cm x 25.5cm x 7.6cm (8in x 10in x 3in) metal box

CODE NUMBER	PRODUCT DESCRIPTION
15368	ACM12 Single Door Access Module in Paradox Cabinet complete with Transformer
15368C	ACM12 Single Door Access Module on Chassis with Transformer
15368L	ACM12 Single Door Access Module in Large Cabinet
15368P	ACM12 Single Door Access Module - PCB Only
15368S	ACM12 Single Door Access Module in Standard Cabinet
15368R	ACM12 Single Door Access Module in Paradox Cabinet with R910 Reader

30100 — POSIPROX R910 - 4 WIRE INDOOR/OUTDOOR PROX READER

- In-field firmware upgrade
- Extreme weather-resistant design
- Up to 10cm (4in) read range with C702 standard proximity card (Clamshell)
- Supports the RS-485 output format
- Tricolor LED display
- Advanced SwiftRead technology
- Elegant blue face light
- R910 V1.00 are not upgradable to V2.10, only V2.00 readers are upgradable to V2.10

30105 — POSIPIN R915 - 4 WIRE SEALED INDOOR/OUTDOOR PROX READER AND KEYPAD

- Only 4 wires instead of 7 to connect with 4-wire access control modules
- In-field firmware upgradeable via CONV4USB
- Adjustable red/green LED intensity and buzzer frequency
- Extreme weather-resistant design (injected rubber gasket and PCB cover)
- Tricolor LED display

EVO Specialty Accessories

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

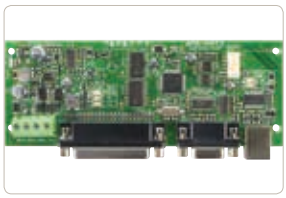
15345 LSN4 - LISTEN IN MODULE FOR DIGIPLEX AND EVO

- Two-way voice communication with monitoring station
- Continuous recording feature: record up to a total of 120 seconds before and after an alarm event has occurred. This recording can then be played back later by the monitoring station or user
- Connect up to four primary SUB1 substations per Listen-In module
- Page and/or communicate with other substations
- Arm, disarm or listen to the system status or to what is happening in protected areas all via telephone
- Record and enable personalized audio labels for up to 8 partitions and 8 users
- Can be connected to a music source such as a stereo to have background music play through the substations
- Voice announcement of system status during an alarm
- Compatible with EVO control panels

15346 SUB1 - LISTEN IN SUBSTATION

- Connects to the LSN4 Listen-in module
- Comes with three buttons that allow the user to access functions like paging, background music and panic options
- Use the substation to communicate with the monitoring station and/or other substations
- Mute function allows you to mute the background music and certain messages while still allowing alarm messages to be broadcast
- Volume control knob lets you set each substation to your desired level
- Additional substations can be added to function as speakers to improve the broadcasting of pages, system messages and background music

15330 PRT3 - INTEGRATION MODULE FOR DIGIPLEX, NE, SP AND EVO



- In-field firmware upgradeable
- Supports ASCII / C-BUS protocols
- 16 virtual inputs to trigger an action in the EVO control panel based on an event received from the peripheral system using ASCII or C-BUS protocol
- 30 virtual PGMs to trigger an action in the peripheral system using ASCII or CBUS protocol based on an event received from the EVO control panel
- USB port for PC connections
- Provides an interface between an EVO control panel and a third party peripheral system
- Automatically/manually print reports of zones/systems event via printer and/or PC
- Parallel and serial port for printer connections

  Assign to one or more partitions
- 2048 event buffer

EVO Wireless Devices

10401MG — RTX3 - WIRELESS RECEIVER

- 32 Wireless zones (SP SP and EVO only)
- Maximum number of remote controls: 8 w/Esprit, 32 w/SP, 999 w/EVO
- Remote control compatibility
  EVO: REM1, REM2, REM15, REM101, REM3
  SP: REM1, REM2, REM3, REM15, REM101
  Esprit: REM1, REM15, REM 101
  Stand Alone: REM1, REM15, REM101
- Wireless PGMs (8 w/EVO, 16 w/SP)
- Functions with all Magellan transmitters including 2WPGM
- Supports two RPT1 and eight K37 Keypad (SP only)
- In-field firmware upgradeable via CV4USB
- RF Jamming supervision
- Low battery, tamper and check-in supervision
- Transmitter signal strength display
- 3 PGM outputs and 1 optional output
- Noise level test and indicator

CODE NUMBER	PRODUCT DESCRIPTION
10400MG	RCV3 Wireless Receiver for Spectra 1728
10401MG	RTX3 Wireless Receiver with 1 x Relay Output plus 2 Solid State Outputs

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EVO Wireless Devices

10407/B/WS/WB — REM101 - SINGLE BUTTON TRANSMITTER

- Water resistant
- Panic function allows user to instantly send panic signal to monitoring station
- Manually-activated battery test function
- Visual indicator (LED) for arming actions and battery testing
- Includes lanyard attachment to facilitate portability; optional wrist strap and belt clip also available
- Includes easily-replaceable CR2032 battery, with a battery life of 3 years
- Available in black or white colour
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250 and RX1
  - 45m (150ft) with MG5050, K32LX and K641LX
  - 60m (200ft) with RTX3

CODE NUMBER	PRODUCT DESCRIPTION
10407	REM101 Single Button Transmitter
10407B	REM101 Belt Clip
10407WS	REM101 Wrist Strap
10407WB	WB101 Wall Bracket

10408 — REM15 - 4 BUTTON REMOTE

- Slim, ergonomic design
- Water resistant
- Perform up to 5 different actions
- Wireless range in a typical residential environment:
  - 30m (100ft) with all-in-one consoles and RX1
  - 45m (150ft) with MG5050
  - 60m (200ft) with RTX3

10409 — REM3 - HAND HELD 2 WAY REMOTE KEYPAD

- Compatible with MG5050, and SP series V3.00 or higher, RTX3 V1.31or higher and EVO Panels V2-1 or higher
- Supports StayD
- System status memory: The REM3 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status–even when out of range. Used to confirm the last action you did on the system while away from the system
- Configure which partitions the REM3 arms/disarms
- Built-In transceiver
- Independent arm, sleep, stay and off buttons and LED display per partition
- Control up to 6 PGMs and/or generate panics
- Keypad mode: requires code entry
  Remote mode: one-touch arming/disarming
- Installer diagnostic mode:
  Partition 1 LEDs = Signal strength display
  Partition 2 LEDs = RF interference display
- Provides visual and auditory feedback of system status
- Press the status button to receive system status
- Label to identify remote control owner
- Compact, water-resistant design
- Size: 8cm x 3.4cm x 1.5cm (3.1in x 1.3in x 0.6in)
- Range 45m

10412MG — REM1 - 4 BUTTON REMOTE

- Water resistant, stylish clear blue plastic with backlight for buttons
- Perform up to 5 different actions
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250
  - 45m (150ft) with MG5050
  - 60m (200ft) with RTX3

EVO Wireless Devices

10413MG

REM2 - 2 WAY 5 BUTTON REMOTE

- Supports StayD (Version 2.0 or higher)
- System status memory: The REM2 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status–even when out of range. Used to confirm the last action you did on the system while away from the system
- Built-in transceiver
- Displays system status using visual (LED) and auditory feedback
- Press the Status button at any time to receive the system status
- Perform up to 6 different actions per remote control
- Compact, water-resistant design with backlight for buttons
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250
  - 45m (150ft) with MG5050/RTX3/RPT1

EVO Wireless Devices

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

10410MG — PMD2P - WIRELESS PIR

- Dual element sensor
- Immune to animals weighing up to 18kg (40lb)
- 11m x 11m (35ft x 35ft) and up to 15m (50ft) for center beams with 88.5° viewing angle
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using PMD75
- MG Only (not Omnia)
- Patented auto pulse signal processing
- Automatic temperature compensation
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period
- Dual tamper mechanism (wall/cover)
- Slide switch to select high or low sensitivity
- EN 300-200 certified
- EN 50131 certified

10411MG — PMD75 - WIRELESS PET PIR

- Patented digital motion detection
- Dual optics (2 dual opposed element sensors)
- Immune to animals weighing up to 40kg (90lb)
- Digital dual opposed detection
- Digital shield algorithm with adjustable sensitivity
- Single or dual edge processing
- 11m x 11m (35ft x 35ft) with 90° viewing angle
- MG or Omnia
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Patented auto pulse signal processing
- Automatic temperature compensation
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period

10417MG — PMD85 - WIRELESS OUTDOOR PIR

- Impact and temperature resistant casing
- Operates at -35°C to +50°C (-31°F to +122°F)
- Casing lined with an injected rubber gasket
- UV protected lens
- Dual optical filtering system
- Multi-level sensitivity adjustment
- Patented digital motion detection
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period
- Can be used with the 'Heavy duty outdoor swivel bracket' (SB85)
- Patented animal immunity (up to 40kg/90lbs)
- 11m (35ft) x 11m (35ft); 90° viewing angle

10418MG — PMD85 - VERTICAL CURTAIN OUTDOOR PIR

- Impact and temperature resistant casing
- Operates at -35°C to +50°C (-31°F to +122°F)
- Casing lined with an injected rubber gasket
- UV protected lens
- Dual optical filtering system
- Multi-level sensitivity adjustment
- Patented digital motion detection
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- 3-Minute energy save mode after two detections within a five-minute period
- Can be used with the 'Heavy duty outdoor swivel bracket' (SB85)
- Protects corridors or vertical surfaces such as walls or balcony doors
- 13m (43ft) x 2 beams; 5.64° viewing angle

EVO Wireless Devices

10422 NVR780 - WIRELESS OUTDOOR PIR

Advanced digital technology:

- Two double passive infrared motion detector with eight narrow detection beams, managed by full authority digital electronics control (FADEC)
- High-resolution and full dynamic range digital signal conversion
- High-speed, advanced algorithm digital signal processing
- Digital EMI/RFI interference rejection
- True pet immunity, up to 40kg (90lb)

Advanced optical technology:

- 4x dual element sensors arrangement
- High efficiency long focal point (1.77in.) lens, providing long-range narrow beams
- 2 pairs of narrow beams per side provide 2 x signals per protected area crossing for increased 'catch' and false alarm rejection
- Combination optics of mirror reflector and 2nd generation Fresnel 'LoDiff' Lens
- Increased white light rejection

Advanced wireless operation:

- Ultra low power management operation with Paradox Effi+ circuit
- Dual tamper detection (removal of cover or unit)

Easy installation and setup:

- Single or dual zone operation modes: two sides can report to a single zone or to two separate zones
- Optical and digital range adjustments
- Bright LED and buzzer indicator for clear adjustment feedback
- No need for PCB removal
- Wall mount, with built-in level tool
- In-field firmware upgradable via serial port

10419MG GS250 - GPOWER WIRELESS MULTI-AXIS DETECTOR (ACCELEROMETER)

- Three-axis (X, Y, and Z axis) accelerometer detection
- Adjustable sensitivity for any installation (grace period of up to 4 seconds can be added):
  -Short movement (High-security) = 1 to 3-seconds
  -Long movement (Standard-security) = 3 to 5-seconds
- Long battery life (2 years with two detections per week)
- Low battery and RF supervision
- Dual-tamper detection for removal or opening of the device
- Power saving mode (conserves battery life)

10420MG WS588P - WIRELESS SMOKE DETECTOR

- One high-sensitivity photoelectric smoke sensor
- Compact, low-profile design
- Built-in siren
- Protection against the ingress of foreign bodies/insect guard
- CE and EN 14604 certified

10421 WH588P - WIRELESS HEAT DETECTOR

- Fixed temperature heat sensor
- DC battery operated wireless alarm
- Compact, low-profile design
- Built-in siren
- Protection against the ingress of foreign bodies/insect guard
- Anti-tamper sensor
- Test button
- LED operation indicator
- Low battery indicator
- Easy installation
- CE certified

10423 WC588P - WIRELESS CARBON MONOXIDE DETECTOR

- Highly sensitive electrochemical carbon monoxide sensor
- DC battery operated wireless alarm
- Compact, low-profile design
- Built-in siren
- Protection against the ingress of foreign bodies/insect guard
- Anti-tamper sensor
- Test/Hush button
- LED operation indicator
- Low battery indicator
- Easy installation
- CE and EN 50291 certified

EVO Wireless Devices

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

10414MG — DCT10 - UNIVERSAL TRANSMITTER

- 2-Zone capabilities where each zone is independent and has its own serial number
- Zone 1 - one of two high-sensitivity reed switches (magnet included)
- Zone 2 - universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050 and RTX3
- Low battery and signal transmission LED
- Anti-tamper switch
- Dimensions:
  12.4cm x 4.5cm x 3.3cm (4.9in x 1.8in x 1.3in)

10415MG — DCT2 - MINI TRANSMITTER

- One high-sensitivity reed switch (magnet included)
- Wireless range in a typical residential environment:
  - 20m (65ft) with MG6250;
  - 40m (130ft) with MG5050 and RTX3
- Anti-tamper switch
- Dimensions:
  4.4cm x 3.0cm x 1.7cm (1.7in x 1.2in x 0.7in)

10416MG — DCTXP2 - MEDIUM TRANSMITTER

- 2-Zone capabilities where each zone is independent and has its own serial number
- Zone 1 - one high-sensitivity reed switch (magnet included)
- Zone 2 - universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6250;
  - 60m (200ft) with MG5050 and RTX3
- Anti-tamper switch
- Dimensions:
  11cm x 3.2cm x 2.5cm (4.4in x 1.3in x 1in)

10425 — 2WPGM - 2 WAY PGM TRANSCEIVER

- 2-Way communication allows the 2WPGMs to receive commands from Magellan Transceivers and then confirm the command
- Backup alarm reporting option (activates PGM output if communication between the Magellan All-In-One-Consoles and the 2WPGM is lost)
- 1 Fully programmable 5A relay output
- Deactivate PGMs after event or timer
- Requires an AC or DC input voltage (6v AC to 16.5v AC or 5v DC to 30v DC)
- Can be powered by the PA12
- Universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6250;
  - 70m (230ft) with MG5050
- Anti-tamper switch
- Dimensions:
  12.5cm x 4.6cm x 2.5cm (4.9in x 1.8in x 1.0in)

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EVO Communicator Modules

35270 PCS250 - GPRS/GSM COMMUNICATOR MODULE

- Compact, sleek design
- Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- Report via text message (up to 16 cell phone numbers)
- Control panel communication supervision
- End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- Send pre-recorded voice messages to up to 8 telephone numbers to report alarms using the optional VDMP3 Paradox Plug-in Voice Module (GSM mode)
- Simple installation with 4-wire serial connection
- Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this
- Report via GSM (CID, SIA)

35271 PCS250G - GPRS COMMUNICATOR MODULE

- Compact, sleek design
- Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- Report via text message (up to 16 cell phone numbers)
- Control panel communication supervision
- End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- Simple installation with 4-wire serial connection
- Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this

15398 IP150 - INTERNET MODULE

- SSL support for sending secured emails via a secure sockets layer; a protocol for encrypting information over the internet
- HTTPS support for improving security (hypertext transfer protocol secure; a widely used communications protocol for secure communication over a computer network)
- Two I/O's on board; controlled via the web interface, triggering an email
- Event log on web interface; displays last 64 events
- Easy installation; built-in clip for mounting in a metal box
- Report control panel events via IP to the Paradox IPR512 GPRS/IP monitoring receiver
- Control and monitor a control panel through an IP network (LAN/WAN/internet)
- Compatible with SP series (V2.10 or higher), MG5050 (V2.10 or higher) and EVO control panels
- Use NEware or BabyWare (V2 or higher) to access your system through the Internet
- Receive notification of system alarms via email
- Arm/disarm individual partitions via web browser
- View live status of all zones and partitions (e.g., open/close, arm/disarm, troubles and alarms) via web browser
- Paradox MyHome available for dynamic IP address
- Very low bandwidth consumption
- Supported language: English

15333 VDMP3 - PLUG IN VOICE MODULE FOR SP/MG, DIGIPLEX AND EVO

- Compatible with SP series (V2.10 or higher), MG series (V2.10 or higher), EVO control panels and PCS200 GSM module
- Record a 'Site ID' to identify the installation site (Requires EVO V2.10 to program)
- Dial up to 8 telephone numbers to report a burglar, panic or fire alarm using prerecorded messages
- Arm/disarm the system remotely via telephone
- Control PGMs and toggle utility keys remotely via telephone
- Voice-guided menu
- In-field upgradeable
- Connects directly onto the control panel

EVO Software & Accessories

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

FREE DOWNLOAD — BABYWARE (V2.4) - PC SOFTWARE

- Compatible with EVO192, SP4000, SP65, SP5500, SP6000, SP7000, MG6250, MG5000 and MG5050
- Upload/download via GPRS (38K/bps) or IP (128K/bps)
- Same software for users and installers (user rights)
- Multi-account and multi-user capacity
- Controls firmware upgrade of control panel and system modules
- User friendly layout and operation
- Easy monitoring and site management tools
- Test Mode: Tests for zone connectivity and operation
- Powerful and fast sort, search and print capability
- Data backup and powerful undo and recycle bin features

15620 — PMC5 - MEMORY KEY FOR SP, EVO AND NE

- Used to download or upload system programming to or from a PC with BabyWare
- Lock switch to prevent accidental loss of data
- LED status indication
- Download or upload control panel/console programming within seconds
- Connect directly to memory connector on the control panel/console
- No need for a telephone line, PC or any other peripheral device

15162/A/15164 — 307 - DIRECT CONNECT INTERFACE

- Incorporates a USB port and a serial port (DB-9)
- Enables control panel to communicate with a PC at 60m (200ft)
- Connect from the control panel's serial port connector to a PC's serial (DB-9) or USB port
- Includes 3 LED status indicators (PC, Panel and RX/TX)
- Communication speed:
  - 57.6k baud (Magellan)
  - 38.4k baud (EVO)
  - 9.6k baud (MG series and SP series)

CODE NUMBER	PRODUCT DESCRIPTION
15162	307 Direct Connect Interface with 3m Serial Cable
15162A	307 Direct Connect Interface Only (no cables)
15164	307 Direct Connect Interface with 3m USB Cable

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4 Detectors & Sounders
PIR, Detectors, Beams & Sounders

PARADOX SECURITY SYSTEMS

Detection Solution
From outdoor and pet-friendly digital motion detectors to analogue motion detectors, the Paradox series of motion detectors combine advanced features and patented technologies to provide a high level of detection and false alarm prevention.

DETECTORS & SOUNDERS

- Passive Infrafred Detectors (PIRs)
- Paradox Digiplex BUS Detectors
- PIR Lenses & Brackets
- Seismic & GlassBreak Detectors
- Fire, Heat & Smoke Detectors
- Point-to-Point Beams
- Reed Switches & Hold Up Buttons
- External Sounders
- Internal Sirens

Paradox Passive Infrared Detectors (PIRs)
Developed for high-security applications, the digital motion detectors perform direct analogue to digital conversion of the PIR sensor's signal using a powerful, high-speed microprocessor based digital IC. A software-driven process that converts, amplifies and processes the sensor's low-level signal in the digital domain without any analogue circuitry (no saturation, no loss of data, no noise). This unique technology provides increased accuracy, reliability and superior false alarm immunity.

Paradox patented Auto Pulse Signal Processing transforms the signal energy to a pulse output to determine if the progression of the detected occurrence corresponds to an alarm condition. Energy from the signals are measured and stored in memory until a minimum level is reached. The processor then rejects signals that do not meet its required specifications for generating an alarm.

Sounders
Sirens are an important part of any security system. We offer an extensive range of indoor and outdoor sirens that are compatible with any security system.

Paradox Passive Infrared Detectors (PIRs)

00100 476 PRO+

- Extremely high EMI and RFI rejection
- PCB uses only surface mount components
- Solid-state relay
- 11m (35ft) x 11m (35ft); 110° viewing angle

00102 476PET PRO

- Immune to animals weighing up to 18kg (40lb)
- When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using DG75
- 11m x 11m (35ft x 35ft) and up to 15m (50ft) for center beams with 88.5° viewing angle
- Extremely high EMI and RFI rejection
- PCB uses only surface mount components
- Solid-state relay
- Patented auto pulse signal processing
- Automatic temperature compensation
- Metal shield maximises protection from EMI and RFI signals
- Dual element sensor
- Anti-tamper switch

00110 NV5

- Infrared motion detector managed by full authority digital electronics control (FADEC)
- Paradox's hybrid cylindrical-spherical 1.0' lens with 3rd generation 3D Lodiff® Fresnel segments (10 x 10 m (32.8 x 32.8 ft.), 102° viewing angle, and 0.5 m (1.6 ft) to max range (no dead zone beam pattern)
- Paradox's equalized detection pattern - ensures equal sensitivity throughout the protected area
- Paradox super creep down-looking beam optic option for straight down detection
- Pet immunity up to 16 kg (35 lb) with creep zone mirror removed
- Dual/single edge processing selection - the only one in its class
- Paradox patented dual digital auto pulse signal processing (APSP) with two-level selection
- Digitally equalized temperature compensation; unit performance specifically tailored to obtain same catch capability at all specified operating temperatures
- Digital sensitivity trimmer adjustment with five range levels and LED feedback, allows for perfect unit adjustment for all room sizes
- Miniature yet easy to install with no PCB removal or adjustment
- CE and EN50131 Grade 2 approved

00112 DIGIGARD 55

- Dual element sensor
- 12m (40ft) x 12m (40ft); 110° viewing angle

00114 DIGIGARD 65

- Quad element sensor
- Digital dual opposed detection
- Interlock sensor geometry
- 12m (40ft) x 12m (40ft); 110° viewing angle

Paradox Passive Infrared Detectors (PIRs)

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

00116 DIGIGARD 75 - PET FRIENDLY

- Pet friendly PIR 10m range 90° coverage
- Extremely reliable and false-alarm free
- Dual optics (2 dual opposed element sensors)
- Provides superior pet immunity using a patented combination of advanced optics and digital processing technologies
- Immune to pets weighing up to 40kg (90lbs)
- Digital dual opposed detection
- 11m (35ft) x 11m (35ft); 90° viewing angle

00120 DIGIGARD 85 - OUTDOOR PIR

- Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- Patented digital motion detection
- Extremely reliable and false-alarm free
- Dual optical filtering system
- UV protected lens
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Multi-level sensitivity adjustment
- Two operational modes (Bus or Relay operation)
- Can be used with the 'Heavy duty outdoor swivel bracket' (MG-SB85W)
- Patented animal immunity (up to 40kg/90lbs)
- 11m (35ft) x 11m (35ft); 90° viewing angle

00121 DIGIGARD 85L2 - OUTDOOR VERTICAL CURTAIN PIR

- Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- Patented digital motion detection
- Extremely reliable and false-alarm free
- Dual optical filtering system
- UV protected lens
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Multi-level sensitivity adjustment
- Two operational modes (Bus or Relay operation)
- Can be used with the 'Heavy duty outdoor swivel bracket' (MG-SB85W)
- Protects corridors or vertical surfaces such as walls or balcony doors
- 13m (43ft) x 2 beams; 5.64° viewing angle

00122 NV780 - DIGITAL OUTDOOR DUAL SIDE VIEW DETECTOR

Advanced digital technology:

- Two double passive infrared motion detector with eight narrow detection beams, managed by full authority digital electronics control (FADEC)
- High-resolution and full dynamic range digital signal conversion
- High-speed, advanced algorithm digital signal processing
- Digital EMI/RFI interference rejection
- True pet immunity, up to 40kg (90lb)

Advanced optical technology:

- 4x Dual element sensors arrangement
- High efficiency long focal point (1.77in.) lens, providing long-range narrow beams
- 2 Pairs of narrow beams per side provide 2x signals per protected area crossing for increased 'catch' and false alarm rejection
- Combination optics of mirror reflector and 2nd generation Fresnel 'LoDiff' Lens
- Increased white light rejection

Easy installation and setup:

- Single or dual zone operation modes: two sides can report to a single zone or to two separate zones
- Optical and digital range adjustments
- Bright LED and buzzer indicator for clear adjustment feedback
- No need for PCB removal
- Wall-mount, with built-in level tool
- In-field firmware upgradable via serial port

Paradox Passive Infrared Detectors (PIRs)

00130 VISION 525DM - MICROWAVE AND INFRARED DYNAMIC MOTION DETECTOR

- Digital microwave/infrared detection
- Dynamic proximity feature allows for the detection of close proximity movements (less than 0.75m / 2.5ft) within the detector range
- Adjustable microwave range
- Two auto pulse settings; one for typical environment (normal), and one for high false alarm rejection (high)
- Installer test mode: test microwave and infrared detection individually
- 12m (40ft) x12m (40ft); 90° viewing angle

00135 NVX80 - IN/OUTDOOR ANTIMASK MOTION DETECTOR FOR HARSH ENVIRONMENTS

- Paradox active IR anti-mask recognizes the degradation of lens clarity and objects blocking the main lens within 30cm of the detector
- 8 detection channels:
  -2x Quad PIR for short and long range detection (4ch.)
  -1x Independent quad PIR for creep zone detection (2ch.)
  -1x 2 Output MW antenna (2 channels)
- MW anti-mask allows for detection of close proximity movements (0.75m - 2m/2.4ft - 6.5ft) - this close proximity range is adjustable
- Paradox's proven pet immunity active for false alarm rejection in the short and medium detection ranges (note: creep zone detection neutralized)
- 3rd generation Paradox digital detection technology delivering improved detection and false alarm rejection
- 15m x 15m/50ft x 50ft coverage
- 3m x 3m/10ft x 10ft creep zone protection
- Easy slide installation
- Colour LED display featuring menu-driven, intuitive screens
- Comprehensive diagnostics: individual testing for PIR, MW and anti-mask technologies
- SoloTest™ for easy walk test execution
- Three configurable relay outputs - these outputs are also reported by the Digiplex EVO Bus
- Sleek, vandal-resistant design and tough construction
- EN 50131 grade 3 pending

00135RC RC80 - NVX80 RAINCOVER

- Raincover for Paradox motion detector NVX80

00150 PARADOOR 460 - VERTICAL CURTAIN PIR

- Adjustable lens position (0° or 10°)
- Selectable operational voltage (12v DC or 24v DC)
- Adjustable alarm signal duration
- Detects hand-sized objects for card access applications: 2m x 1.5m (7ft x 5ft)
- Detects body-sized objects for security applications: 6m x 4.5m (20ft x15ft)

00152 PARADOME DG467 - 360° PIR

- Two operational modes (addressable for the Digiplex and Digiplex EVO series or conventional relay operation)
- Dual opposed element sensor
- Digital detection
- 7m x 6m (24ft x 20ft) at 2.4m (8ft)
- 11m x 6m (35ft x 20ft) at 3.7m (12ft)
- 360° viewing angle
- Ideal for small office coverage

Paradox Digiplex BUS Detectors

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

00160 DM50 - BUS PIR

- Patented digital motion detection (no analogue circuitry)
- Digital auto pulse signal processing
- Digital shield algorithm software
- Metal shield maximises protection from EMI and RFI signals
- 12m (40ft) x12m (40ft) range with 110° viewing angle

00164 DM70 - BUS PIR

- Dual optics (2 dual opposed element sensors)
- Provides superior pet immunity using a patented combination of advanced optics and digital processing technologies
- Immune to pets weighing up to 40kg (90lbs)
- Extremely reliable and false-alarm free
- Patented digital motion detection (no analogue circuitry)
- Digital auto pulse signal processing
- Digital shield algorithm software
- Metal shield maximises protection from EMI and RFI signals
- 10.5m (35ft) x 10.5m (35ft) range; 90° viewing angle

00120 DIGIGARD 85 - OUTDOOR PIR

- Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- Patented digital motion detection
- Extremely reliable and false-alarm free
- Dual optical filtering system
- UV protected lens
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Multi-level sensitivity adjustment
- Two operational modes (Bus or Relay operation)
- Can be used with the 'Heavy duty outdoor swivel bracket' (MG-SB85W)
- Patented animal immunity (up to 40kg/90lbs)
- 11m (35ft) x 11m (35ft); 90° viewing angle

00121 DIGIGARD 85L2 - OUTDOOR CURTAIN PIR

- Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- Patented digital motion detection
- Extremely reliable and false-alarm free
- Dual optical filtering system
- UV protected lens
- Dual optics (2 dual opposed element sensors)
- Digital dual opposed detection
- Multi-level sensitivity adjustment
- Two operational modes (Bus or Relay operation)
- Can be used with the 'Heavy duty outdoor swivel bracket' (MG-SB85W)
- Protects corridors or vertical surfaces such as walls or balcony doors
- 13m (43ft) x 2 beams; 5.64° viewing angle

05205 DG457 - GLASSBREAK BUS & RELAY ALARM DETECTOR

- Two operational modes (addressable for the Digiplex EVO series or conventional relay operation)
- Remote test mode when used with Test Trek V2
- Full audio and infrasonic spectrum analysis
- 7 frequency digital filters, digital amplifier gain and frequency fluctuation assessment
- Impact and shock wave analysis
- High-immunity to RFI and EMI signals
- Adjustable sensitivity: covers up to 9m (30ft) when set to high and up to 4.5m (15ft) when set to low
- TestTrek (459) used for testing available separately
- Anti-tamper switch

Paradox PIR Lenses & Brackets

00300 469 - SWIVEL MOUNT PIR BRACKET

- 3 in 1: ceiling, wall or corner mount bracket
- Ensures optimal coverage

00301 SB85 - HEAVY DUTY OUTDOOR SWIVEL BRACKET

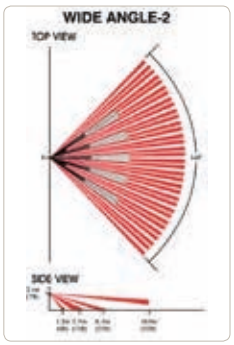
- For use with the PMD85 and the DG85 outdoor digital PIRs
- Innovative T-joint allows for movement along 2 axes for better maneuverability and better detector positioning
- 3 in 1: ceiling, wall or corner mount bracket
- Cap lock prevents unauthorised repositioning of detector

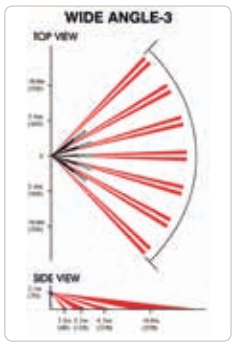
PARADOX LENSES

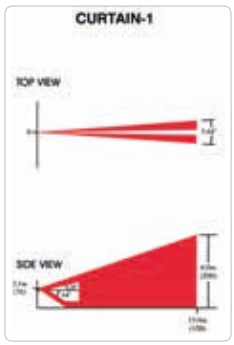
All motion detectors come equipped with a 2nd generation LODIFF® lens by Fresnel Technologies Inc. The following beam patterns represent the optional lenses that are available for the Pro+ (476+), Digigard 55 (DG55), Digigard 65 (DG65), Digital Vision (525D), Digiplex Motion Detector Modules (DM50 and DM60) and Magellan (PMD1P) motion detectors. Distances shown may vary according to the selected motion detector; please verify the motion detector's specifications.

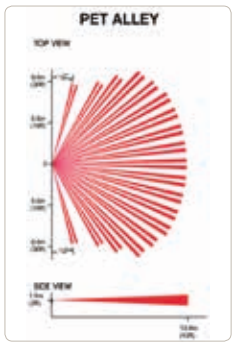
CODE NUMBER	PRODUCT DESCRIPTION
00255	Lens UV WA1
00257	Lens UV WA2
00258	Lens UV WA3
00265	Lens UV LR1
00266	Lens UV LR2

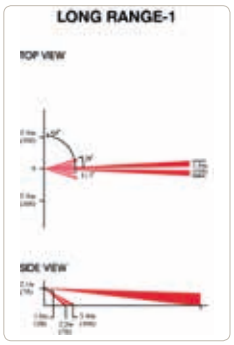
CODE NUMBER	PRODUCT DESCRIPTION
00267	Lens UV LR3
00268	Lens UV LR4
00275	Lens UV CU1
00280	Lens UV PE-1

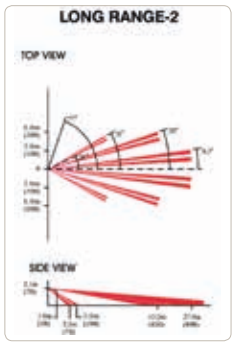


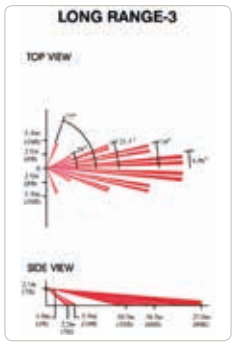


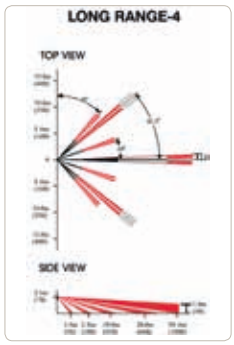












Paradox Seismic & GlassBreak Detectors

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

05100 — 950 - SAFE PROTECTOR SEISMIC DETECTOR

- High-sensitivity piezoelectric element
- Five sensitivity settings
- 2.5m (8ft) protection range
- Anti-tamper switch

05205-05210 — DG457 - GLASSBREAK BUS & RELAY ALARM DETECTOR

- Conventional solid-state relay operation
- Remote test mode when used with Test Trek V2
- Full audio and infrasonic spectrum analysis
- 7 Frequency digital filters, digital amplifier gain and frequency fluctuation assessment
- Impact and shock wave analysis
- High-immunity to RFI and EMI signals
- Adjustable sensitivity: covers up to 9m (30ft) when set to high and up to 4.5m (15ft) when set to low
- TestTrek (459) used for testing available separately
- Anti-tamper switch

CODE NUMBER	PRODUCT DESCRIPTION
05205	Paradox Digiplex DG457 GlassBreak BUS or Relay Output
05210	Paradox Testtrek - Glassbreak tester

guaranteed payment **within 48 hours**

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technology when you need it!

Fire, Heat & Smoke Detectors

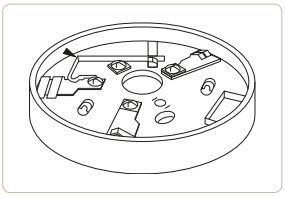
45190 SYSTEM SENSOR 2012J PHOTOELECTRIC SMOKE ALARM WITH HUSH BUTTON

- 12-24v DC operation
- HUSH feature
- Test push button
- One Form 'C' Relay
- Fully compliant with building code
- 85db sounder
- Easy clean chamber

45191 SYSTEM SENSOR 2151B COMMERCIAL PHOTOELECTRIC HEAD (NEEDS BASE 45192)

- Sleek, low-profile design
- Compatible with other 100 series models
- Two LEDs blink in standby, providing 360° visibility
- Broad range of adapter bases available with built-in shorting spring
- Magnetic test function
- Detector sensitivity testing via hand-held sensitivity reader

45192 SYSTEM SENSOR B401 2-WIRE LATCHING BASE (FOR 45191)



- Supports 2151B Head
- Connect to any 2-wire smoke circuit such as Digiplex EVO

45193 NB326-H-4AR RATE OF RISE HEAT DETECTOR

- 12v DC
- Auto reset

45194 FLUSH KIT FOR SMOKE DETECTORS

- Allows for all NB series smoke detectors to be recessed

45195 NB-326-4 LATCHING SMOKE DETECTOR

- Normally open/normally closed selectable relay
- 12v DC
- Remove power to reset
- Plug in base

Fire, Heat & Smoke Detectors

45196 NB-326-4ARB PHOTOELECTRIC AUTO RESETTING SMOKE DETECTOR WITH BUZZER

- Normally open/normally close selectable relay
- 12v DC
- Auto resets when smoke clears
- Plug in base

45198 NB-326-SH-4-ARB AUTO RESET SMOKE DETECTOR WITH BUILT IN HEAT SENSOR

- Activates if either detection method detects smoke/heat
- Built in buzzer
- Auto resetting
- 12v DC
- Plug on base

05330 SECOR WSD01 SHOCK SENSOR - RELAY OUTPUT / MOMENTARY OR LATCHING

- Piezoelectric transducer is applied
- Wide range of sensitivity selection
- 9-16v DC
- Quiescent current 15mA, Alarm 18mA
- -10 to +55°C operating temperature
- 150mA 24v: 10Ohm resistor in series
- One or two pulse counting
- Size: (L) 21mm x (W) 26mm x (H) 87mm
- LED display on/off (red alarm)
- Latching or momentary
- Moisture repelling rubber grommet is included

45199 AEROSOL SMOKE CAN

CODE NUMBER	PRODUCT DESCRIPTION
45199	Aerosol Smoke Can
45200	Fire Call Point
45202	Spare Glass for Manual Call Point
45210	Fire Call Point Sign

Point-to-Point Beams

05390 SENSORPRO PRO40 - 40M OUTDOOR / 80M INDOOR, TWIN BEAM

- 40m outdoor/80m indoor
- Twin beams
- Easy beam alignment
- AGC (automatic gain control) circuit
- N/C and N/O output

05398 SENSORPRO PRO-120P - 120M OUTDOOR / 240M INDOOR SELECTABLE FREQUENCIES

- 120m outdoor/240m indoor
- Twin beams
- 4 channels selectable (for stacking applications)
- AGC (automatic gain control) circuit
- Fine angle adjustment for easy alignment
- N/C and N/O output

Reed Switches & Hold Up Buttons

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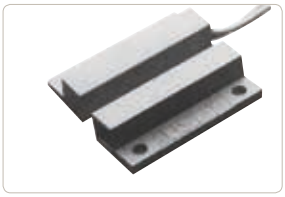
05500 USP BP30 - MINI CONTACT



- Mini stick-on surface mount
- 25mm operating gap
- Normally closed configuration

05502 USP 90SP - MICRO CONTACT

- Surface mount stick-on
- Ultra miniature size
- 12mm operating gap
- Normally closed configuration

05504 USP SP-1000 - PREMIER CONTACT

- Surface mount
- Slim line surface mount with snap-on cover
- Direct wire terminals or solder tab terminal options
- 32mm operating gap
- Normally closed configuration

05506 USP 400SP - LARGE COMMERCIAL CONTACT

- Surface mount
- Commercial
- 50mm operating gap

05520 USP BP40 - FLUSH CONTACT

- 9.5mm press fit flush mount
- 19mm operating gap
- Normally closed configuration

05522 USP BP50 - FLUSH STUBBY CONTACT

- 9.5mm stubby press fit
- 12.7mm operating gap

Reed Switches & Hold Up Buttons

05523 WSF41 - STEEL DOOR REED

- 19mm steel door reed
- 35mm gap
- Size: (L) 33mm x (W) 7mm x (H) 13mm

05525/05526 PSW21 - TAMPER SWITCH

- Plunger Reed switch
- Totally waterproof
- Ideal for external use
- Normally closed when plunger in

CODE NUMBER	PRODUCT DESCRIPTION
05525	PSW21 Tamper Switch, Plunger Reed Switch Type Normally Closed
05526	PSW21NO Tamper Switch, Plunger Reed Switch Type Normally Open

05540 USP BP33A - ROLLER DOOR REED SWITCH

- Commercial roller door switch with mounting bracket
- 50mm operating gap
- Normally closed configuration

05600 SECURITRON MSS-1 - HIGH SECURITY REED

- Used to monitor the open/closed status of doors, windows, gates, machinery safety barriers or other moving assemblies
- False alarm reduction
- Versatile indoor-outdoor application
- Optional remote test feature

CODE NUMBER	PRODUCT DESCRIPTION
05600	Securitron MSS-1 High Security Reed
05601	Securitron MSS-1C Flush Mount High Security Reed
05602	Securitron MSS-1G High Security Reed - Gate Mount with Stainless Steel Cable Armour

05902 USP HUB-2S - MOMENTARY HOLD UP BUTTON

- Wall or under desk mount
- Momentary operation
- Double pole double throw contact

CODE NUMBER	PRODUCT DESCRIPTION
05902	USP HUB-2S Momentary Hold Up Button - Wall or Under Desk Mount
05904	USP HUB-2A Latching Hold Up Button - Wall or Under Desk Mount

Reed Switches & Hold Up Buttons

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

05905 WEB555 - KEY RESET HOLD UP BUTTON

- SPDT contacts
- Size: (L) 53mm x (W) 53mm x (H) 27mm
- Beige colour only

External Sounders

40000 PC5 - POLYCARBONATE SELF PROTECTED EXTERNAL SIREN

- Self protected and battery back-up required
- 4k7 EOL resistor
- Silent startup
- Front and rear tampers
- Requires 12v 1.2ah battery
- Red or blue lamps

40010 PC7 - POLYCARBONATE TEAR DROP EXTERNAL SIREN

- Tear drop with non-battery back-up
- Connects direct to 12v DC bell output
- Lamp can be controlled separately
- 115dB dual piezo sounds
- High UV resistant polycarbonate housing
- Dual tampers front and back
- Flashing light

40015 PC3 - POLYCARBONATE EXTERNAL SIREN

- Non-battery back-up
- Front and rear tampers
- Red or blue lamps
- Connects directly to the bell output of the control panel
- Fully potted PCB ensures long trouble free life

CODE NUMBER	PRODUCT DESCRIPTION
40015	PC3 Polycarbonate Siren and Flashing Light - Non-battery Back-up
40175	PC2 Spare Board for PC3 Siren

40020 SECOR WP06 - MINI EXTERNAL SIREN/STROBE

- High quality siren and long-life continuous rated Xenon tube built-in
- 12v DC
- 130mA siren current
- 110mA strobe current
- High quality UK stabilized case
- Weatherproof
- Front and back tampers
- Size: 202 (L) x 112 (W) x 70 (H) mm

40100 SM1 - COMMERCIAL MILD STEEL SATELLITE SIREN

- Mild steel, double skinned
- 10 minute siren time out, standard 4K7 e.o.l. to negative
- Front and back weather proof tampers
- Optional red or blue lights
- Strobe light for independent light operation

40170 SM2 - SPARE PCB FOR SATELLITE SIRENS

- For SM1/SM3/SM5 /PC5

CODE NUMBER	PRODUCT DESCRIPTION
40170	SM2 Spare PCB for Satellite Sirens
40175	PC2 Spare Board for PC3 Siren, Potted Expoy Resin

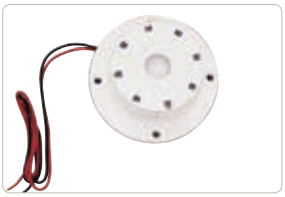
External Sounders

40235 RURAL BLASTER - 30 WATT SIREN 12V DC 4 AMP CURRENT DRAW

- 30 Watt, 12v DC
- 4 amp current draw
- Three wire dual tone
- Size: (W) 200mm x (L) 235mm x (H) 188mm

Internal Sirens

40200 PI-100 - TOP HAT PIEZO 115DB



- 115dB
- 12v DC
- 200mA
- Surface mount

40210 PI-102 - DUAL TONE PIEZO 120DB

- 120dB
- 12v DC
- 1300mA
- Surface mount

40220 PS219 - PARADOX PIEZO SURFACE MOUNT 120DB

- 120dB
- 12v DC
- 250mA
- Surface mount

40222 PS219 - PARADOX FLUSH RING PIEZO 120DB

- 120dB
- 12v DC
- 250mA
- Flush mount

40224 PS219 - PARADOX FLUSH PLATE PIEZO 120DB

- 120dB
- 12v DC
- 250mA
- Flush mount

40230 LD92 - PIEZO WITH FLASHING LIGHTS 120DB SURFACE MOUNT (BLUE)

- 120dB
- 12v DC
- 280mA
- Surface mount
- Integrated flashing lights

Internal Sirens

40230R — LD92 - PIEZO WITH FLASHING LIGHTS 120DB SURFACE MOUNT (RED)

- 120dB
- 12v DC
- 280mA
- Surface mount
- Integrated flashing lights

40231 — WP95 - MINI INDOOR COMBO SIREN/STROBE

- High quality siren and blue strobe built-in
- 12v DC
- Aesthetic appeal
- Size: (L) 122mm x (W) 73mm x (H) 45mm

40232 — LD93 - PIEZO 120DB SURFACE MOUNT

- 120dB
- 12v DC
- 100mA
- Surface mount

40250 — WH35 - 8 OHM HORN SURFACE MOUNT SPEAKER

- 10 Watt
- 8Ohm speaker

40252 — WHITE 8 OHM FLUSH MOUNT SPEAKER

- 15 Watt
- 8Ohm

5 Inner Range System - Integriti
Security Management Solution

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integriti
INTEGRATED SOLUTIONS

Integriti Security Management Solution
The Integriti Security Management System is an IP connected access control and intruder detection security system intended for centralized security management of systems operating at a single site or multiple sites across the country or across the globe.

INNER RANGE - INTEGRITI

- Integriti Compatibility Chart
- Deployment Architecture
- Control Module & Smart Card Licensing
- Professional Software Licensing
- Professional Software Suite
- Commissioning Software & Mobile License
- LAN Modules
- UniBus Modules

Features:

- Simple management of all your access control and security administration at a single site, or centrally manage multiple locations - all directly from your desk
- Unprecedented scale and flexibility for user access permissions
- Unrivalled end user software simplicity with access control administration
- Smartphone applications that enables system management when mobile
- Gigabytes of memory at hardware level ensures that your access control system maintains complete system functionality if offline
- Incredible forensic Audit Trail tracks all software changes
- Seamless IP based Multi-Controller system architecture options
- Simplified software set up with Auto Discovery of system hardware
- Ethernet port, USB master and slave ports on-board for all Controllers
- Modern Hardware design including Powerful ARM processors
- Backwardly compatible with Concept LAN modules
- Upgrade firmware in Controllers and new Integriti LAN modules remotely over the wire
- Easy plug and play in-cabinet UniBus for adding expansion and functionality
- Amazing, powerful Scripted Logic capability
- A true Enterprise solution delivering 1000's of controllers, doors and zones

www.innerrange.com
inner range
Intelligent Security Solutions

Integriti Configuration Table & Concept Compatibility Chart

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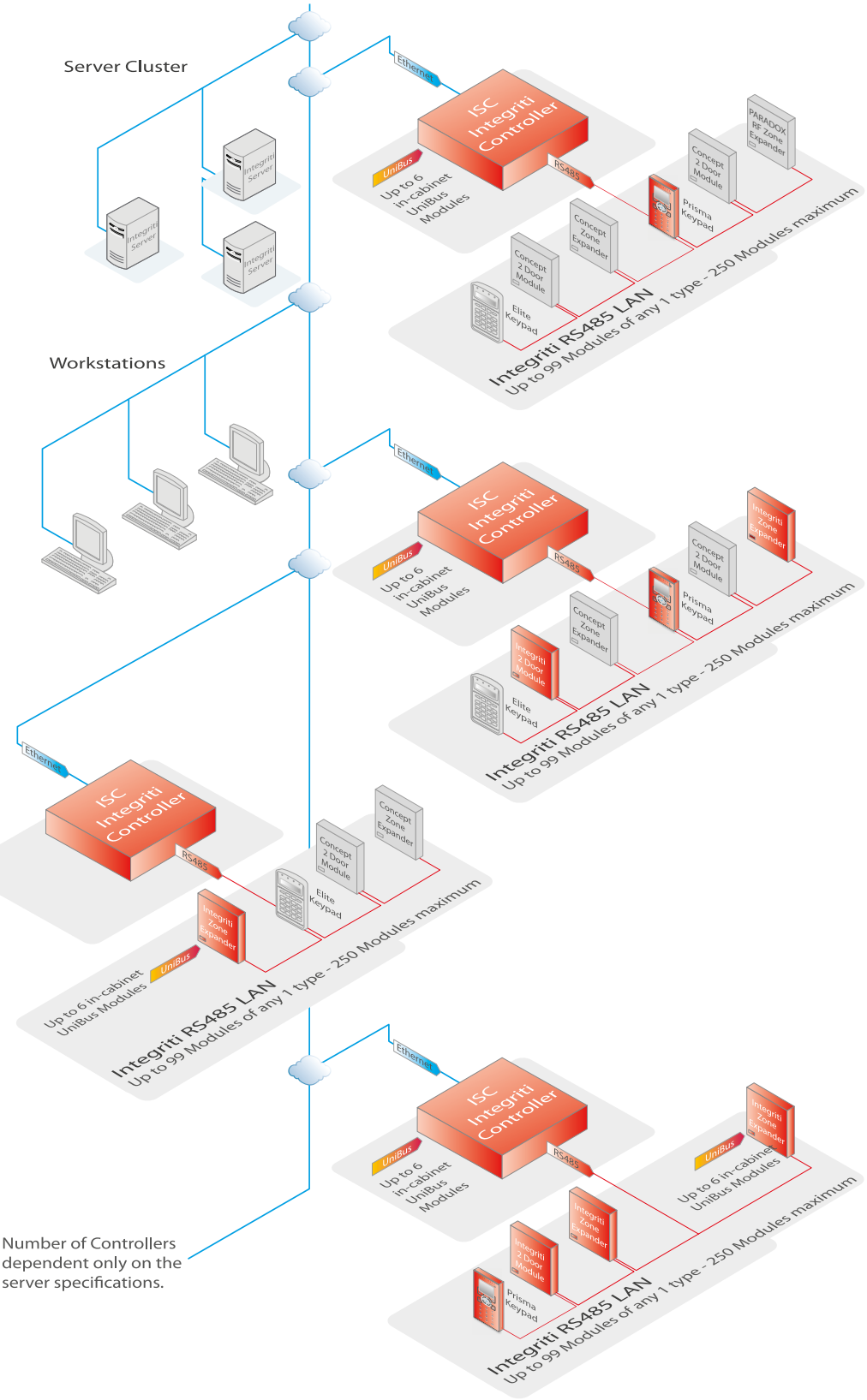
INTEGRITI CONFIGURATION TABLE	Onboard			UniBus			
Modules	Zones	Outputs	Doors	8 Zone Expander	8 Relay Expander	2 Door Expander	2 Port Serial
Integriti Security Controller	16	2	0	2	4	0	0
LAN 8 Zone Expander	8	2	0	3	4	0	0
LAN 2 Door Intelligent Access Module (ILAM)	8	8	2	0	0	3	0
UniBus 8 Zone Expander	8	0	0				
UniBus 8 Relay Expander	0	8	0				
UniBus 2 Door Expander	8	8	2				
UniBus 2 Port Serial Interface	8	0	0				

CONCEPT COMPATIBILITY CHART		
Concept LAN Modules	Integriti Compatible	Notes
Elite Terminal	Yes	End user control supported, standard system programming supported. Advance system programming such as macros is not supported
Concept Prisma Keypad	Yes	Requires factory firmware upgrade
Concept Touch Screen	No	Concept Touch Screens are not currently compatible, but future releases of the Integriti controller may support the Concept Touch Screen pending market demand
Concept Weatherproof Terminal	Yes	
Concept Terminal Emulator	Yes	
Universal Expander	Yes	
Mini Expander	Yes	V6.0 or newer firmware required
RF Zone Expander for Paradox & Visonics	Yes	
2 Door Access Module	Yes	
1 Door Access Module	Yes	
Intelligent Two & Four Door Access Modules	Yes	Concept Intelligent Access Modules can be used in Integriti compatibility mode with a firmware update. Compatibility mode has limited offline functionality
Concept Analogue Module	Yes	
Concept LAN over Ethernet Module (CLOE)	Yes	V5.20 or newer firmware required
Fibre Modem	Yes	
LAN Isolator	Yes	
Multipath IP Fields STU	Yes	The Integriti ISC Controller has a dedicated Multipath IP interface on board
Concept LAN Power Supply	Yes	

Deployment Architecture



Control Module & Smart Card Licensing

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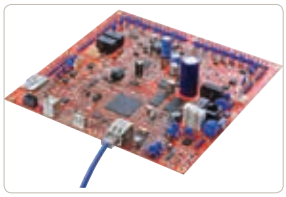
DATA COMMUNICATIONS SECURITY

21000 INTEGRITI - SECURITY CONTROLLER (ISC)



- IP based multi-controller system architecture options
- Ultra high speed proprietry operating system
- Ethernet on-board
- 64 MB RAM
- 4GB Micro SD on-board
- USB master & slave ports
- Web server & Web based administration
- RS485 multi-drop sub LAN (Up to 1.5 Kilometers)
- Backwardly compatible with Concept LAN modules
- Upgrade firmware in controllers and new LAN modules via USB or remotely over the wire
- Easy 'plug & play' in-cabinet UniBus for adding expansion and functionality
- 16 Zone inputs on-board (expandable to 32)
- 2 Auxiliary outputs (relays - expandable to 32)
- Built in power supply
- PSTN telephone dialler on-board
- Internal & external siren drivers on-board
- Dedicated watchdog output

CODE NUMBER	PRODUCT DESCRIPTION
21000	Integriti Security Controller (ISC) - (16D, 200U, 100Z, 10,000E)
21000P	Integriti Security Controller - PCB only
21001	Integriti Security Controller (ISC) - Standard Cabinet
21002	Integriti Security Controller (ISC) - Large Cabinet
21003	Integriti Security Controller (ISC) - Mega Cabinet

21050-21077 INTEGRITI - SMART CARD LICENSING

CODE NUMBER	PRODUCT DESCRIPTION
21050	Integriti, Smart Card, Level 0
21051	Integriti - Smart Card - Level 1 - (40D, 2,000U, 200Z, 20,000E)
21052	Integriti - Smart Card - Level 2 - (80D, 10,000U, 600Z, 30,000E)
21053	Integriti - Smart Card - Level 3 - (160D, 65,000U, 2,000Z, 60,000E)
21054	Integriti - Smart Card - Level 4 - (240D, 100,000U, 3000Z, 100,000E)
21060	Integriti - Smart Card - Level 0 to 1 Upgrade
21061	Integriti - Smart Card - Level 1 to 2 Upgrade
21062	Integriti - Smart Card - Level 1 to 3 Upgrade
21063	Integriti - Smart Card - Level 1 to 4 Upgrade
21064	Integriti - Smart Card - Level 2 to 3 Upgrade
21065	Integriti - Smart Card - Level 2 to 4 Upgrade
21066	Integriti - Smart Card - Level 3 to 4 Upgrade
21069	Integriti - Smart Card - 5 User iPhone/iPAD/Android License
21070	Integriti - Smart Card - Automation Interface
21071	Integriti - Smart Card - HLI - Lifts
21072	Integriti - Smart Card - Salto Sallis Door License
21073	Integriti - Smart Card - HLI -IP Fence
21074	Integriti - Smart Card - HLI- C-Bus Lighting
21075	Integriti - Smart Card - HLI - BMS - Bacnet, ModBus, KNX
21076	Integriti - Smart Card - Advanced Automation Interface
21077	Integriti - Smart Card - Unrestricted CS Access for 1 year

Professional Software Licensing

21500-21590 INTEGRITI - PROFESSIONAL LICENSING

CODE NUMBER	PRODUCT DESCRIPTION
21501	Integriti - Software - Express - Fixed at 1 Panel, 1 Client, 16 Doors
21505	Integriti - Software - Express to Professional Upgrade
21500	Integriti - Software - Professional
21510	Integriti - Software - Extra Client - Fixed
21515	Integriti - Software - Extra Client - Floating
21520	Integriti - Software - Extra Panel
21525	Integriti - Software - CCTV (32 Cameras)
21530	Integriti - Software - CCTV Extra 8 Cameras
21535	Integriti - Software - Communicator
21540	Integriti - Software - Extra Door Permissions
21545	Integriti - Software - 3rd Party Interface - Read
21550	Integriti - Software - 3rd Party Interface - Write
21555	Integriti - Software - 3rd Party Interface - Control
21560	Integriti - Software - Photo ID
21565	Integriti - Software - Advanced Reports
21570	Integriti - Software - User Qualifications
21575	Integriti - Software - Advanced Alert
21580	Integriti - Software - Direct User Import Module (DUIM)
21585	Integriti - Software - Bi-Directional Gateway Integration
21590	Integriti - Software - Active User Rotational Module (AURM)

Professional Software Suite

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DATA COMMUNICATIONS SECURITY

21501/21505: INTEGRITI - EXPRESS

Integriti Express is an inexpensive software solution for Small and Medium Business's (SMB)s. The Express application is based on and derived from the powerful Integriti Professional Software which is the full featured commercial software application normally deployed for end users to manage a larger or more demanding Integriti System. The look and general performance of the Express application is indicative of what can be expected from the Professional version however its functionality is tailored to a subset of features commensurate with what is required to perform management of small to medium installations.

- 1 Control panel
- 1 Client work station
- 16 Doors
- Just like its big brother Integriti Professional, the Express software incorporates a sub application known as Gatekeeper which is essentially a tailored yet controlled simple user interface to allow all end user tasks such as assigning user permissions and arming and disarming areas. This is a separated window into the system as distinct from the installer focused, System Designer application and shields end users from exposure to the complexity of installer programming functionality

Note: Licensed modules available with Integriti Professional are not available with Integriti Express.
The Client and Server Application must reside on the same workstation.

CODE NUMBER	PRODUCT DESCRIPTION
21501	Integriti Express Software – Fixed at 1 Panel, 1 Client, 16 Doors
21505	Integriti Express Software – Express to Professional Upgrade

21500 INTEGRITI - PROFESSIONAL

The Integriti System Management Software Suite is a true enterprise class solution, designed from the ground up for the internet age. Leveraging the very latest platforms and technologies, Integriti software is a world-class product that packages guaranteed reliability, scalability and performance.

- Flexible user permission programing
- Easily manage small or large systems
- Customised views and layouts on a per operator basis
- 32 or 64 bit cluster aware application
- Supports virtual computing environments
- Forensic audit trail times-stamps every programming change made in the system
- Changes can be rolled-back and re-created as they were at any time in the past
- Streamlined system commissioning
- Powerful new script based macro logic provides simple solutions for sophisticated problems
- Input and output analogue values can be passed around the system and incorporated into any of the macro Logic processes
- High level CCTV integration
- GateKeeper is a sub application which is essentially a tailored yet controlled simple user interface to allow all end user tasks such as assigning user permissions and arming and disarming areas. This is a separated window into the system as distinct from the installer focused, System Designer application and shields end users from exposure to the complexity of installer programming functionality
- Schematics allow operators to monitor status and control entities via an intuitive interface based around graphical floor plans, site maps and mimic panels. Special items can be placed on each diagram that indicate the status of various entities such as inputs, areas and auxiliaries in real time

  - Import site plans
  - Navigate between maps/diagrams
  - Add entities to maps/diagrams
  - Monitor site activity in real time
  - View and acknowledge alarms
  - Control items
  - View video from associated CCTV sources

Professional Software Suite

21525/21530 INTEGRITI - CCTV MODULE

Allows security personnel to use video verification for confirmation of alarm and other events as they occur within the Integriti Security System.

- The CCTV interface is available on any Integriti workstation
- Provides operators with the means to verify virtually any access control, security or other alarm event in an instant
- Allows alarm or access control events to be associated with a particular camera, this gives operators the ability to locate an historical event in the system event log, click on it and instantaneously playback the associated video recording
- Greater use of video integration is also made possible with the ability to drag & drop camera's and pre-set camera PTZ locations directly onto Schematic maps and floor plans
- Bi-directional integration also allows sending or receiving events to or from capable CCTV systems
- Extra cameras available with additional licensing

CODE NUMBER	PRODUCT DESCRIPTION
21525	Integriti - Software - CCTV - 32 Cameras
21530	Integriti - Software - CCTV - Extra 8 Cameras

21535 INTEGRITI - COMMUNICATOR MODULE

Individuals and groups can receive pager, SMS and email messages that are automatically sent in response to Integriti Professional Review events.

- Messages can be prioritised, applied to a particular template and sent based on rules. Simple text matching and/or regular expressions can be used. For example, Review events containing the word, 'warehouse' may only be sent to the Warehouse Manager and the Duty Guards. Whereas Review events containing the word, 'fire' might be sent to All Managers and the Duty Guards and so forth
- Templates can determine whether a message is sent to a pager, SMS or by email, the local serial port, or any combination of these media, as well as set the format and content of this message for each medium
- Details can be tailored to each recipient. A Recipient can be a person or a device such as a pager or a computer. For each recipient, the operator can configure which messages are received, how they are received (SMS, pager, email) and when they are received
- Fully customisable Schedules can be created and used to control when messages are received. For instance, emails for a given recipient might be set to be received at all hours, as messages occur, whereas pager or SMS messages for the recipient might be limited to certain hours of the day
- Integriti Professional Communicator can also be used to send, 'one-off', Custom Messages where required

21560 INTEGRITI - PHOTO ID MODULE

Allows the designing and printing of access control cards.

- Design, edit and print Photo ID cards
- Double sided portrait and landscape designs
- Configurable template size to suit cards, labels or most other media
- Supports placement and editing of images, labels, barcodes and drawing tools
- Create and assign multiple card templates
- Auto-populate fields from User Database

Professional Software Suite

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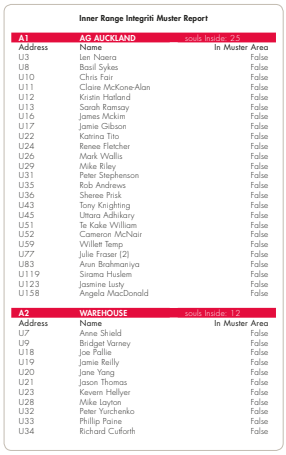
21565 INTEGRITI - ADVANCED REPORTS MODULE



Inner Range Integriti Muster Report

A1	AG AUCKLAND	souls Inside: 25
Address	Name	In Muster Area
U3	Len Neera	False
U8	Basil Sykes	False
U10	Chris Fair	False
U11	Claire McKone-Alan	False
U12	Kristin Hatland	False
U13	Sarah Ramsay	False
U16	James Mckim	False
U17	Jamie Gibson	False
U22	Katrina Tito	False
U24	Renee Fletcher	False
U26	Mark Wallis	False
U29	Mike Riley	False
U31	Peter Stephenson	False
U35	Rob Andrews	False
U36	Sheree Prisk	False
U43	Tony Knighting	False
U45	Uttara Adhikary	False
U51	Te Kake William	False
U52	Cameron McNair	False
U59	Willett Temp	False
U77	Julie Fraser (2)	False
U83	Arun Brahmaniya	False
U119	Sirama Huslem	False
U123	Jasmine Lusty	False
U158	Angela MacDonald	False

A2	WAREHOUSE	souls Inside: 12
Address	Name	In Muster Area
U7	Anne Shield	False
U9	Bridget Varney	False
U18	Joe Pallie	False
U19	Jamie Reilly	False
U20	Jane Yang	False
U21	Jason Thomas	False
U23	Kevern Hellyer	False
U28	Mike Layton	False
U32	Peter Yurchenko	False
U33	Phillip Paine	False
U34	Richard Cuthorth	False

Adds extra reporting functionality to Integriti Professional.

- Create custom reports with Integriti Report Designer
- 15 predefined sample reports are provided including Time on Site and Muster Reports
- Flexible report generator: full customisation and formatting control
- Pivoting, grouping and aggregating of data
- Import charts, images, maps and logos
- Output reports in a variety of formats including: PDF, CSV, XML, HTML, JPEG and more

21570 INTEGRITI - USER QUALIFICATIONS MODULE

Adds an extra level of permissions based on qualification(s) a user has.

- Expiry of a User's Qualification automatically changes the User's access permissions
- Qualification can be based upon an expiry date or a decrementing credit or count
- Manage use of car parks, vending machines, photocopiers etc. through decrementing credits
- Transactions of various amounts may be deducted
- Send text or e-mail reminders to Users that their qualification or credit is about to expire
- Update multiple User Qualifications or Credits simultaneously

21575 INTEGRITI - ADVANCED ALERTS

Professional incorporates a powerful Alarm Handler module providing an extremely cost effective solution for in-house monitoring of security and access alarm events, incorporating alarm escalation.

- Custom alarm events
- Alarm events can be categorised as critical, high, medium or low importance. Operator permissions may be implemented to determine which levels of alarm a particular operator type can see or acknowledge
- Customisable alarm procedures. Alarm procedures are procedural notes that guide operators through the process of investigating and managing an alarm
- Operator response processing including system-wide acknowledgement
- Customisable acknowledgement window and message text
- Multiple possible actions: Alarm events can also be programmed to trigger other actions. For example, opening Review, displaying a specific schematic floor plan, displaying a user's photo and employee information as well as playing a computer sound file (.wav)
- All alarm event actions and the operator's written responses are recorded to Review. This information may be extracted at any later stage in the form of a filtered text file or HTML report
- Alarm Handler may also be used for the notification of other non-critical events such as when a particular employee has been granted access through a particular
- Random selection of Users for Drug and/or Alcohol testing
- User Photo pop-up to identify selected Users
- Allows Operator Intervention to 'Allow' or 'Deny' Access
- Configurable response screen can present the Operator with images instructions and 'Allow' and 'Deny' buttons
- Automatically carry out a range of actions when a User is stopped or selected
- Easy to configure

21580 INTEGRITI - DYNAMIC USER IMPORT MODULE

The Dynamic User Import Module enables automatic user programming of an Integriti control module. It is designed for installations where the access-enabled user base changes frequently, like in hotels, clubs, fitness centres, etc.

- The DUIM module runs as a service on the Integriti Professional server machine and picks up files with the updated user information
- These files can be output files from a third party system, and so the update of the user base can run fully automatically
- Can be applied to commercial and industrial applications with its ability to take output from other ERP/HR Systems and update user programming

Commissioning Software & Mobile License

INTEGRITI CS

INTEGRITI CS - COMMISSIONING SOFTWARE

- Integriti CS is a software application designed to be used by Installation Technicians when they are installing and commissioning Inner Range systems running Integriti ISC controllers
- The Integriti CS application is based on and derived from the powerful Integriti Professional Software which is the commercial software application that is sold to, and used by, end users to manage an Integriti System
- The look and general performance of the CS application is indicative of what can be expected from the Professional version however its functionality is limited to a subset of features commensurate with what is required to commission an average installation
- CS can also be used to bench program hardware prior to its deployment on site and to train and familiarise technicians with general Integriti programming techniques
- Remote connectivity is not supported if a controller has a smart card of level 1 or above

21069

INTEGRITI SMART CARD - 5 USER IPHONE/IPAD/ANDROID LICENSE

The Integriti Mobile App packs a powerful punch of accessibility and control for your Integriti security and access control system. With the tap of a finger, this exciting new App allows remote operation of your Integriti system from anywhere in the world! Integriti Mobile connects to a suitably licensed Inner Range Integriti Controller. Designed with ease of use in mind and focusing on intuitive navigation and a rich graphical interface, its never been so easy to remotely monitor and control your Integriti system.

Features:

- Monitoring and control of areas, doors, inputs, auxiliaries and automated tasks
- Create home page widgets for fast access to common tasks
- Built-in widget icons
- Widgets have single press toggle and double press control screens
- Creation of background maps with icon overlays
- Advanced timing control of doors and auxiliaries
- Add background images for both Portrait & Landscape modes with ease using the camera or camera Roll

Overview:

Integriti Mobile supports multiple App operators - share the same iPhone or iPad amongst friends and colleagues with individual logins to display personalized maps, Widgets and settings. Furthermore, sophisticated security measures ensure that an App operator must also exist in the Controller they wish to connect to. App operators can only view entities according to the permissions of the matching user in the Controller. The end result is a state of the art secure and flexible solution for remote control. Whatever your schedule, the Integriti mobile app empowers you to take charge of your security system wherever you are, with convenient system control at your fingertips.

Compatability:

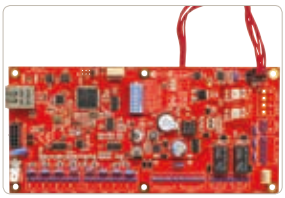
- iPhone 3GS
- iPhone 4
- iPhone 4S
- iPhone 5
- iPod touch (3rd generation)
- iPod touch (4th generation)
- iPod touch (5th generation)
- iPad 1,2 & 3
- Requires iOS 5.1 or later
- This app is optimized for iPhone 5
- Modes with ease using the camera or camera roll

LAN Modules

21100 INTEGRITI TERMINAL - PRISMA WHITE

- Contemporary slimline surface mount design
- Full colour LCD backlit screen
- Large – easy to read text
- Simultaneously display system diary & alarm events
- Icon & scroll wheel navigation system
- Function keys for quick item selection
- Scrollable display for menus and lists
- Light sensitive auto dimming LCD backlight
- Variable colour RGB keypad backlight
- Logged off temperature display
- 8 LED indicators for area status display
- 8-bit digital sound tones
- Instant help text available anytime, at the press of a key
- Programmable panic key and duress option
- Black model also available

21120-21123 INTEGRITI LAN - 8 ZONE EXPANDER



The Integriti 8 zone LAN expander adds input and output expansion to an Integriti system via RS-485 LAN or IP if connected with CLOE modules. The base module supports eight zone inputs, two relay outputs and two siren driven outputs.

- RS-485 LAN connectivity
- Support for Multistate EOL zones (8 x states)
- Every zone can be programmed as an analogue zone
- On board siren drivers (8 x Tones)
- UniBus in-cabinet expansion interface
- External Integriti power supply connection
- Full monitoring of external Integriti power supply
- Dedicated cabinet tamper input
- Remote firmware upgrade over-the-wire
- Expansion options
- Expandable to 32 inputs and 32 outputs via Unibus Expansion

CODE NUMBER	PRODUCT DESCRIPTION
21120	Integriti - LAN - 8 Zone Expander - PCB
21121	Integriti - LAN - 8 Zone Expander - Standard Cabinet - 2A Smart PSU
21122	Integriti - LAN - 8 Zone Expander - Large Cabinet - 2A Smart PSU
21123	Integriti - LAN - 8 Zone Expander - Mega Cabinet - 2A Smart PSU

21150-21153 INTEGRITI LAN - 2 DOOR CONTROLLER INTELLIGENT (ILAM)

The Integriti Intelligent LAN access module can be used to control and monitor up to 8 doors or lift cars on the Integriti RS-485 LAN, or via IP LAN if connected with CLOE modules. The base module supports two doors/two readers and is expandable up to 8 doors/8 readers with the simple addition of 2 door expander boards via the UniBus in-cabinet expansion interface.

Features:

- RS-485 LAN connectivity
- Reader options to control doors, lifts, areas and user logon
- Reader outputs with individual self-resetting over current protection
- UniBus in-cabinet expansion interface
- Dedicated lock power input
- Heavy duty lock relays
- Door reed & tongue sense inputs per door
- Door request to enter & exit inputs per door
- DOTL relay outputs per door
- Dedicated cabinet tamper input
- Remote firmware upgrade over-the-wire

Doors & expansion options:

- Expandable to 8 doors (2 doors on board)
- Expandable to 8 Wiegand readers (2 readers on board)
- Salto Sallis integration - up to 8 doors via dedicated RS-485 reader port

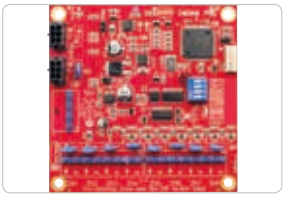
Offline intelligence:

- Offline intelligence provided for all Wiegand readers and standard lock outputs
- Offline access control database for 100,000 users
- Offline time periods
- Offline event database of 100,000 events

CODE NUMBER	PRODUCT DESCRIPTION
21150	Integriti - LAN - 2 Door Controller - Intelligent - PCB
21151	Integriti - LAN - 2 Door Controller - Intelligent - Standard Cabinet 2A Smart PSU
21152	Integriti - LAN - 2 Door Controller - Intelligent - Large Cabinet - 2A Smart PSU
21153	Integriti - LAN - 2 Door Controller - Intelligent - Mega Cabinet - 2A Smart PSU

UniBus Modules

21200 INTEGRITI UNIBUS - 8 ZONE EXPANDER

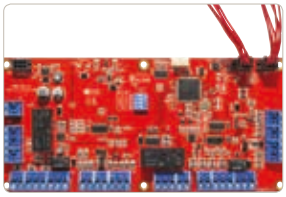


- 8 Universal zone inputs
- Support for Multistate EOL zones (8 states)
- Support for counter type inputs
- Programmable de-bounce times
- DIP switch addressable first zone 1, 9, 17 or 25
- UniBus loop-through connectors
- 4 Way DET+ 13.75v outputs
- 2 LED status/fault indicators
- Surge protected inputs
- Over-The-Wire firmware upgradable
- Integriti 'C' size footprint 94 x 94mm

21211 INTEGRITI UNIBUS - 8 WAY RELAY EXPANDER (1A @ 24V DC)

- 8 Universal relay outputs
- Normally open or normally closed outputs per relay
- DIP switch addressable first Auxiliary (Relay) 1, 9, 17 or 25
- UniBus loop-through connectors
- 2 LED status/fault indicators
- Over-the-wire firmware upgradable
- Integriti 'C' size footprint 94 x 94mm

21220 INTEGRITI UNIBUS - 2 DOOR EXPANDER



- Provides an additional 2 doors/2 readers for host module
- UniBus connectivity to host module
- Reader options to control doors, lifts, areas & user logon
- Supports Wiegand card readers up to 88-bits
- Reader outputs with individual self-resetting over current protection
- UniBus loop-through connectors
- LED status & fault indicators
- Dedicated lock power input
- Heavy duty lock relays
- Reader valid & invalid outputs
- Door reed & tongue sense inputs per door
- Door request to enter & exit inputs per door
- DOTL relay outputs per door
- Integriti 'B' size footprint 200 x 94mm
- Remote firmware upgrade over-the-wire

21230 INTEGRITI UNIBUS - 2 PORT SERIAL INTERFACE

- Software configurable UART ports
  - Channel 1 - RS-232 modem/RS-485 port
  - Channel 2 - RS-232 comm/RS-485 port
- DIP switch addressable module number 1, 2, 3 or 4
- DIP switch selectable CH1/CH2 mode, RS-232 or RS-485
- LED indication of CH1 & CH2 RX & TX activity
- LED UniBus status indicator
- 2 LED system status/fault indicators
- UniBus loop-through connectors
- Over-the-wire firmware upgradable
- Integriti 'C' size footprint 94 x 94mm

21290/21295 INTEGRITI UNIBUS - PATCH CABLE SIX WAY

CODE NUMBER	PRODUCT DESCRIPTION
21290	Integriti, 996791L, UniBus Patch Cable, Six Way, 220m
21295	Integriti, 996791S, UniBus Patch Cable, Six Way, 270m

UniBus Modules

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

21192 INTEGRITI 2A - SMART POWER SUPPLY

The Integriti 2A Smart Power Supply is designed primarily for use as a battery-backed supply for Integriti modules that support the 10-way 'External Power' bus connection. e.g. Integriti 2 Door Reader Module, 8 Zone Expander Module, etc. When used with these modules, connection is made via the 10-way cable provided. Power supply and battery status may be monitored and/or reported via the dedicated 'External PS' system inputs of the host module. The product is supplied as a PCB kit and can also be used as a general purpose, battery backed, 13.75v DC Supply to power legacy and 3rd party equipment via plug-on screw terminals. This product features a high reliability design that offers exceptional stability when used with the recommended battery type. It has also been specifically designed and tested for compatibility with Proximity type reader heads.

Electrical specifications:

- Input voltage: 16v AC
- Output voltage: 13.75v DC +/-5%, up to 2A (battery fully charged)
- Maximum O/P current: 1 or 2 amp selectable via Link LK
- Output ripple: 100mV RMS max. @ Iout = 2A
- Switching frequency: 370 kHz. approx.
- Load regulation: +0/-500mV @ Iout = 0.1A to 2.0A
- Conversion efficiency: 85%. approx
- Battery type & capacity: 12v sealed lead acid battery 6.5 to 7.0 AH
- PCB dimensions: 95mm x 95mm x 30mm high
- Operating temperature: 0° to 40°C (Ambient)
- Humidity: 15% to 85% relative humidity (non-condensing)

Improved Cashflow

Simply Leasing

technology when you need it!

6 Inner Range - Concept

Concept 4000 Modular Integrated Solution

CONCEPT 4000

Inner Range Solution

Inner Range are world leaders in the design and manufacture of state of the art access control and security solutions. Consultants who specify our products, technicians who install them and people who use them, benefit daily from the remarkable versatility of Inner Range systems.

INNER RANGE - CONCEPT 4000

- Concept System Architecture
- Control Equipment
- Insight Software V5 & Express
  - Core Modules
  - Optional Modules
- Access Control
- Input & Output Expanders
- Terminals
- LAN Modules
- Miscellaneous Equipment
- Power Supply

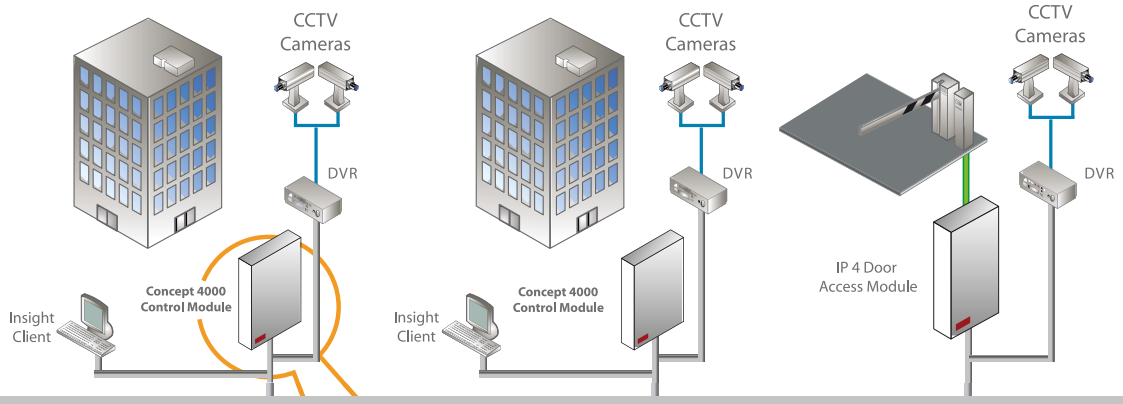
Concept 4000 Hardware Platform

Concept 4000 is a modular integrated hardware platform offering you an expandable, flexible and highly secure Access Control, Security/Intruder Detection and Automation package.

Features:

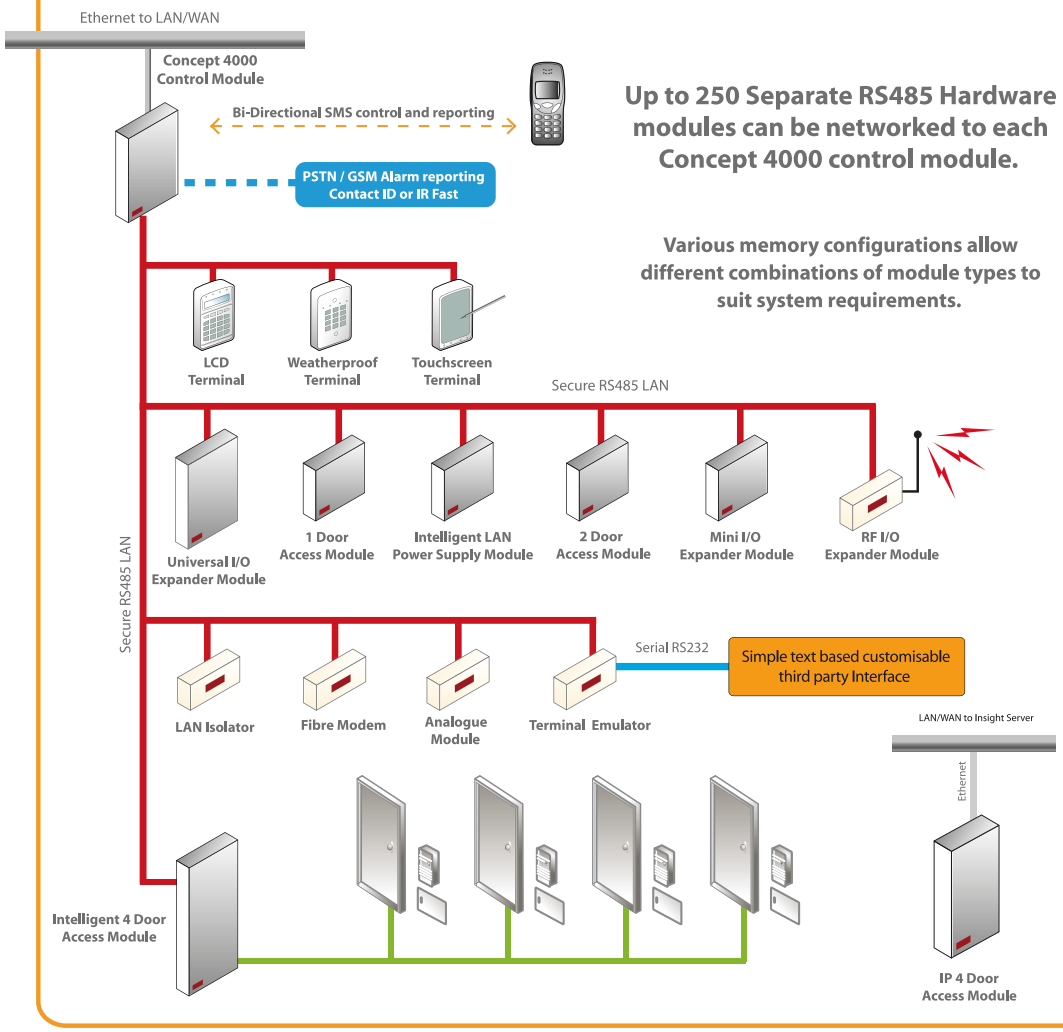
- Operation on a proprietary encrypted RS485 LAN or Ethernet LAN. A system built around a Control Module with your selection of LAN modules. Typically, this will include input/output expanders, access control modules, keypads, RF modules and communication modules
- Advanced security features. Sophisticated input processing, wireless device support and a significant range of reporting options
- Comprehensive access features. Fully redundant access modules, lift control, a wide range of card formats and access features to name only a few
- Advanced communications interfacing options with four simultaneous communication tasks
- Fully integrated IP communication capability
- Powerful automation features with programmable outputs and analogue inputs
- An extensive range of third party interfaces
- Incredible flexibility for customisation

Concept 4000 System Architecture

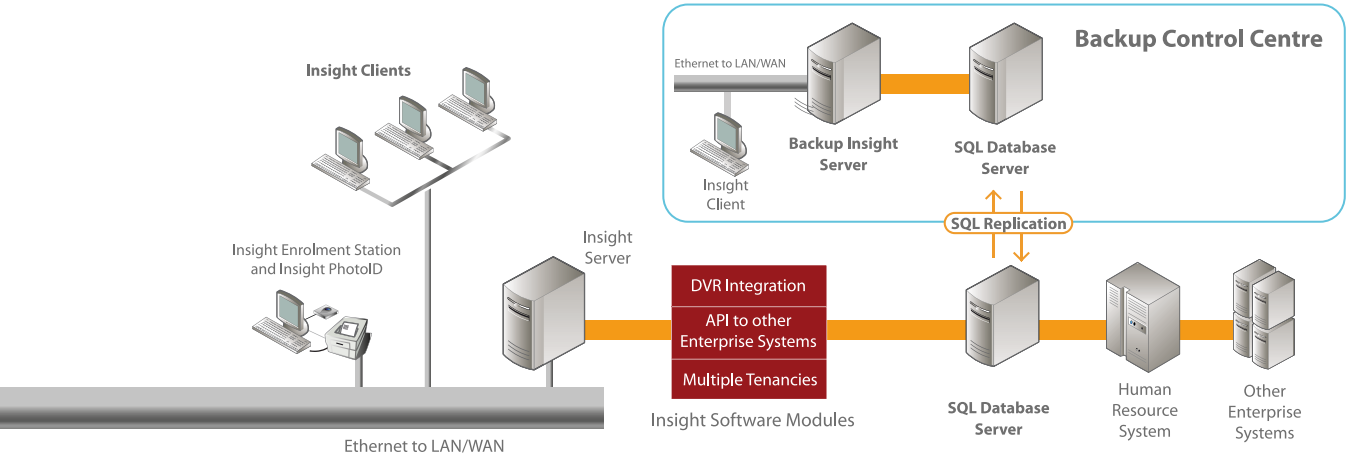


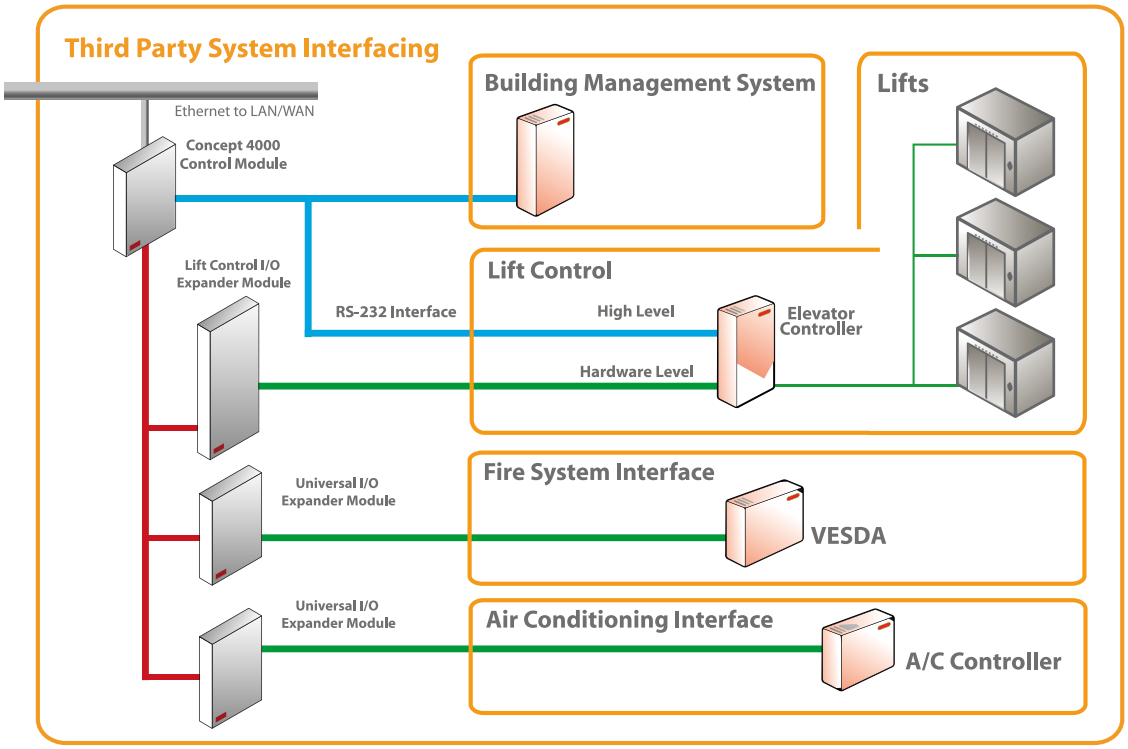
128bit AES Encrypted - Local or Wide Area Network (TCP / IP)

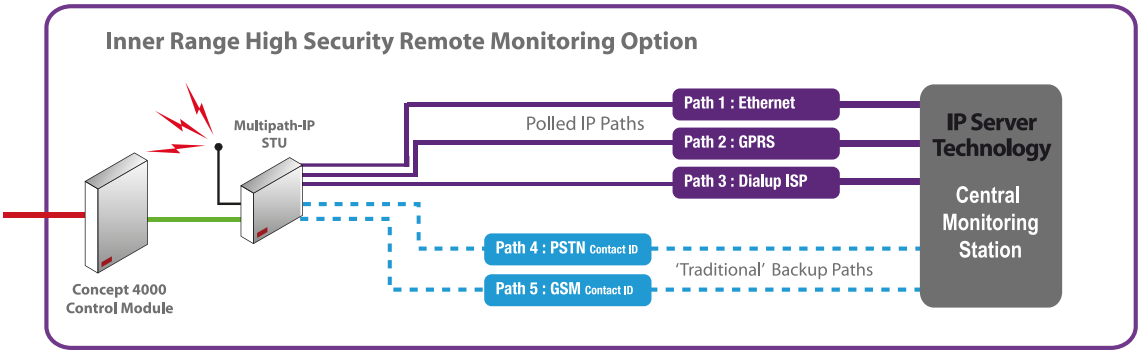
Concept 4000 Integrated Security / Access Hardware Platform


Ethernet to LAN/WAN
Concept 4000 Control Module
Bi-Directional SMS control and reporting
PSTN / GSM Alarm reporting
Contact ID or IR Fast
Up to 250 Separate RS485 Hardware modules can be networked to each Concept 4000 control module.
Various memory configurations allow different combinations of module types to suit system requirements.
LCD Terminal
Weatherproof Terminal
Touchscreen Terminal
Secure RS485 LAN
Universal I/O Expander Module
1 Door Access Module
Intelligent LAN Power Supply Module
2 Door Access Module
Mini I/O Expander Module
RF I/O Expander Module
Secure RS485 LAN
LAN Isolator
Fibre Modem
Analogue Module
Terminal Emulator
Serial RS232
Simple text based customisable third party Interface
LAN/WAN to Insight Server
Ethernet
Intelligent 4 Door Access Module
IP 4 Door Access Module

Concept 4000 System Architecture

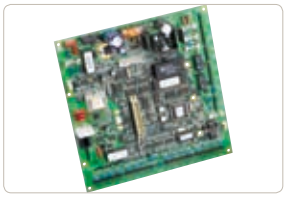





Inner Range High Security Remote Monitoring Option
Multipath-IP STU
Polled IP Paths
Path 1 : Ethernet
Path 2 : GPRS
Path 3 : Dialup ISP
IP Server Technology
Central Monitoring Station
Path 4 : PSTN Contact ID
Path 5 : GSM Contact ID
'Traditional' Backup Paths
Concept 4000 Control Module

3000/4000 Control Equipment

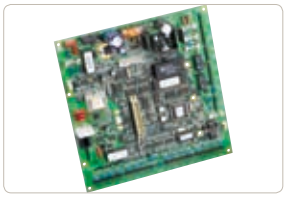
20400CE — CONCEPT 4000 CONTROL MODULE



- A scalable platform capable of accommodating your specific needs. From a domestic installation through to a multi-faceted high-rise building management system, you can rely on Concept 4000 to meet the challenge
- Manage enormous system dimensions when deployed with Insight software
- A single control module starts at a cost effective entry point and can scale up to 50,000 users, 250 modules, 250 doors and 250 areas
- Should your needs grow, your existing control module will not become obsolete. Installing a memory upgrade will enable you to cater for your larger system requirements

CODE NUMBER	PRODUCT DESCRIPTION
20400CE-P	Concept 4000 Control Module - PCB only
20400CE-C	Concept 4000 Control Module - Chassis
20400CE	Concept 4000 Control Module - Standard Cabinet
20400CEL	Concept 4000 Control Module - Large Cabinet

20300CE — CONCEPT 3000 CONTROL MODULE



- 16 Zones
- 2 Auxiliaries, expandible to 10
- Maximum 250 areas
- Maximum 4,000 user codes, 1 to 8 digit
- Up to 250 user types
- Instant, delayed, backup siren modes
- Maximum 240 doors
- Multiple control panel networking
- Real time clock
- Daylight saving compensation
- Maximum 32 holidays, 6 holiday types
  Maximum 16 characters per holiday name
- Maximum 64 zone expanders (32 zones per expander) in accordance with current memory configurations
- Maximum 96 time zones each with four intervals
- Maximum 16 characters user name length and user type name length
- Up to 4 selectable siren tones; bell, sweep, fire and evacuation
- Standard 500, expandible to 6500 events review size
- Maximum open time per door - 1 to 255 seconds
- Unlock time per door - 0 to 255 seconds or 0 to 255 minutes
- On-board diagnostic LEDs to assist with troubleshooting
- Supports Insight end user management software

CODE NUMBER	PRODUCT DESCRIPTION
20300CE-P	Concept 3000 Control Module - PCB only
20300CEC	Concept 3000 Control Module - Chassis
20300CE	Concept 3000 Control Module - Standard Cabinet
20300CE-L	Concept 3000 Control Module - Large Cabinet

guaranteed payment **within 48 hours**

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technology when you need it!

Insight Software - V5 & Express

CONCEPT INSIGHT SOFTWARE

Insight software is the central and integral software component of Inner Range's Concept integrated hardware platform. As a system, Insight software and Concept hardware deliver a first class integrated access control, security and building management system. The modular nature of the software and hardware platform positions it perfectly for applications ranging from small stand-alone commercial or domestic premises through to multi-site and corporate global enterprises.

20565 INSIGHT V5

The standard installation package includes a suite of core modules delivering key administration, system status and event logging functionality. Inner Range released Insight Version 5.4.0 in July 2012. V5.4 brings many new features and improvements for existing Insight Version 5 users.

Active directory integration:

- Active directory integration allows the insight operator logon credentials to be authenticated using windows active directory
- Operators authentication can be optionally selected as 'Windows authentication' or 'Insight authentication'

Operator inactivity logout:

- Server enforced auto time-based operator inactivity logout

New guard station features:

- Adds optional live video to the Photo popup screen
- Adds optional buttons to perform actions to the photo popup screen
- Adds optional customizable user info to the photo popup screen
- Adds optional randomly selected actions to the photo popup screen i.e. 'selected for drug testing'

New CCTV features:

- Adjustable replay presets now available for the Mobotix, Samsung, DVTel and Panasonic Multi DVR plugins

Lift integration:

- Schindler Lift Interface Service now available (Software License Required)

Advanced reports:

- Advanced reports user sorting by card number and card type now supported
- Timed expiry (activation and processing) of scheduled reports
- Time filter stacks now support current, day, weekday, weekend, month
- Operators and alarms filter stacks nave now been added

20561 INSIGHT EXPRESS

Insight Express is an inexpensive software solution for small business enterprises. It provides one connection to a Concept 3000/4000 control panel and can be used on a single computer workstation. Express offers all the essential functionality required to configure, administer and monitor a single Concept 4000 system. Full operator passwords are provided for added security. Insight Express can also be upgraded to Insight Professional when further expansion is required.

- User management: users can be added and deleted; their security levels changed; their access to doors and security areas modified
- System status: system status can be viewed from a customisable text history window
- System programming: all concept hardware system configuration can be programmed, updated and backed up from Insight Express
- Includes the core modules Insight Edit, Insight Review and Insight Operators

Insight Software - Core Modules

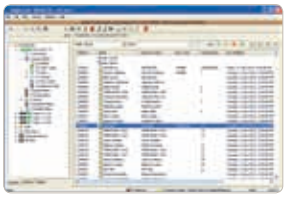
INDENT

INSIGHT PERSONNEL EXPLORER

- Restrict exposure of user editing on a field-by-field basis for different software operators
- Show or hide certain data fields
- Assign fields as read only or read and write
- Automatically 'Fill' fields with pre-set data
- Make fields optional or mandatory
- Create drop down selectable lists
- Re-arrange the appearance order of fields
- Add new users to your Concept Security system quickly and accurately

INDENT

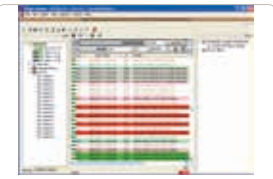
INSIGHT EDIT



- Programming changes made from one workstation are immediately visible at all other connected workstations
- Control of doors, areas, lifts and auxiliary outputs
- Powerful search and cross-referencing tools
- Full on-line help
- Full support for offline edit
- High speed upload/download between Insight server and each Concept controller
- Built-in hyperlinks to move between related programming screens
- Multi-step undo and record reset features
- Automatic or manual control synchronisation of programming changes between Insight server and Concept controllers
- Add up to 32 fields of operator custom data to each user record
- Capture WIA camera images directly into the user programming table
- Commissioning reports
- Details of user profile for all programmed users
- Details of user type programming
- A list of users in a user type
- A list of users who have access to a specified door

INDENT

INSIGHT REVIEW



- Automatic continuous archive of all Control Module review events
- Automatic continuous archive of all Insight review events (audit trail). For example, actions undertaken by Insight operators
- Advanced review filtering
- Unlimited concurrent review windows
- Comprehensive event triggering. The system will support the triggering of events based on review filters and allow a variety of responses: custom text message, play a sound file, make Insight Review full-screen and others

INDENT

INSIGHT SCHEMATIC

- Import maps in a variety of formats
- Create drill-downs and navigational hyperlinks
- Automatically display schematics and stream live video on pre-defined events
- Drag and drop items on to maps
- View the real-time status of inputs, areas, doors and auxiliaries
- New icon library & customisable icons
- Animated Icons for doors, inputs and outputs
- Control system entities such as areas, doors, lifts and auxiliaries
- Define reactive, shaped regions on a map to depict input and area coverage
- Show live streaming video from embedded cameras

INDENT

INSIGHT OPERATORS

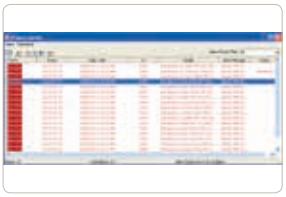
- Selectively control permissions on ALL panel items
- Determine who is allowed to see, inspect, change, create, delete and control items
- Create unlimited operator types, and assign multiple types to each operator
- A full audit trail of front-end software operations is recorded to review, detailing the time and date of each transaction, the action that was taken and by which operator
- Schedule Operator access times and define expiry dates

Insight Software - Core Modules

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

INDENT

INSIGHT ALARM HANDLER



- Custom alarm events
- Alarm events can be categorised as critical, high, medium or low importance. Operator permissions may be implemented to determine which levels of alarm a particular operator type can see or acknowledge
- Customisable alarm procedures. Alarm procedures are procedural notes that guide operators through the process of investigating and managing an alarm
- Operator response processing including system-wide acknowledgement
- Customisable acknowledgement window and message text
- Multiple possible actions: alarm events can also be programmed to trigger other actions. For example, opening Review, displaying a specific schematic floor plan, displaying a user's photo and employee information as well as playing a computer sound file (.wav)
- All alarm event actions and the operator's written responses are recorded to Review. This information may be extracted at any later stage in the form of a filtered text file or HTML report
- Alarm Handler may also be used for the notification of other non-critical events such as when a particular employee has been granted access through a particular door

INDENT

INSIGHT ARCHIVER

- Backup your database
- Restore a previous backup
- Move Review to an archive
- Schedule automatic backups

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

Insight Software - Optional Modules

20590 INSIGHT USER QUALIFICATION & CREDIT TRACKING

- Create up to eight qualifications or credit based access types
- Grant timed site access based on users qualifications or users credit points
- Set qualification type and expiry dates per user
- Set credit based account values per user
- Receive 'about to expire' notifications
- Grant users access to a single door or a list of doors
- Import qualification details or credit points from 3rd party systems
- Requires 512k memory and v7.8 up firmware

20584 INSIGHT 3PGATEWAY FOR COMMUNICATOR

- 3PGateway is an add-on option for Insight Communicator. It is a software integration interface and provides an interface for events to be sent from 3rd party systems directly into the Insight review database
- With 3PGateway, Communicators' functionality is further enhanced by acting as a gateway between Insight and selected third party systems. This high-level interface 'listens' via TCP or the Serial port for event messages from outside platforms, relaying the message to Insight Review, where pre-configured automated tasks can then be actioned.
- Actions can include automatically displaying a CCTV camera view, or displaying a live view of your facility's doors and secure areas via Insight's Schematic floor plan option or even tracking the location of a user via the EkoTek and the Insight Tagboard applications.
- Highlighting Communicator's functionality, these incoming events can also be used to trigger custom outgoing messages via email, SMS, or pager. This level of integration greatly expands the versatility of Insight Communicator, Insight software and the Concept integrated Security/Access control system.

Supported third party Gateway systems include:

- Jacques Intercoms
- Multitone EkoTek (paging, location & communication system)
- AMPAC fire system
- ISIS aspects (asset tracking system)
- Custom interfacing for developers. 3PGateway also allows 'listening' to other 3rd party products that may not have been integrated to date. Options include TCP or serial integration. Full details can be found in the Insight Communicator User Manual, see 'Alarm Interfacing' Section
- The 3PGatway is designed to be used with the following software packages which must be installed to form the complete integrated solution

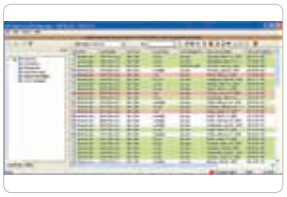
20588 INSIGHT TAG BOARD

- Display location of particular users
- Display which users are in a particular area
- Track the location of visitors
- Display full screen or normal sizes
- Create multiple layouts
- Assign default layout to display after login
- Display up to 40 columns of information
- Drag & drop column ordering
- Drag & drop column grouping
- Filter information via logical filter stacks
- Import & export layouts

20569 INSIGHT ADVANCED REPORTS

- Time on site report
- Muster reports
- Extended user report
- Door access reports
- Many more report templates
- A custom report designer tool
- Custom report design service

20583 INSIGHT CARD POOL



Operators can:

- Create a new site code card pool
- Create a new direct entry card pool
- Perform a panel scan and add freshly allocated cards to a card pool
- Auto-create card pools based on panel programming
- Return cards to a pool. For example, when a visitor signs out, or a contractor finishes their tenure
- Mark cards as suspended or lost
- Card Pool installed when creating/editing users within Insight Edit, operators can now assign the next available card from created card pools by means of a couple of button presses

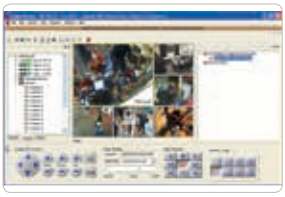
Insight Software - Optional Modules

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

20578 INSIGHT COMMUNICATOR

- Messages can be prioritised, applied to a particular template and sent based on rules. Simple text matching and/or regular expressions can be used. For example, Review events containing the word, 'warehouse' may only be sent to the Warehouse Manager and the Duty Guards. Whereas Review events containing the word, 'fire' might be sent to All Managers and the Duty Guards and so forth
- Templates can determine whether a message is sent to a pager, SMS or by email, the local serial port, or any combination of these media, as well as set the format and content of this message for each medium
- Details can be tailored to each recipient. A Recipient can be a person or a device such as a pager or a computer. For each recipient, the operator can configure which messages are received, how they are received (SMS, pager, email) and when they are received
- Fully customisable Schedules can be created and used to control when messages are received. For instance, emails for a given recipient might be set to be received at all hours, as messages occur, whereas pager or SMS messages for the recipient might be limited to certain hours of the day
- Insight Communicator can also be used to send, 'one-off', Custom Messages where required

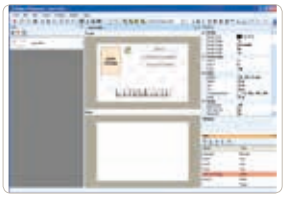
20571/72 INSIGHT CCTV INTEGRATION



- Provide a High-level interface to a large variety of VMS/NVR/DVRs
- Enable Live Video Verification for confirmation of alarm events
- Access recorded video information from the system review event log
- Place cameras and camera pre-sets directly onto floor plans within the Schematic Maps application
- View live and historical video feeds directly in the software workspace
- Switch cameras and video feeds based on custom real-time triggers
- Control VMS, NVRs, DVRs and cameras
- Remotely control PTZ (Pan/Tilt/Zoom) cameras
- Send event flags and custom triggers to NVRs to invoke predefined automation tasks within the CCTV system
- Send model-specific commands to a VMS/NVR/DVR or camera
- Within a single screen, create a custom matrix of cameras connected to NVR/DVRs from different vendors
- Link cameras to almost any object or entity within the access control system database (doors, inputs, user's etc.)
- Bi-directional integration allows send and receive communications with capable NVR or VMS systems
- Integrates with HIK, ONSSI and NUUO Titan

CODE NUMBER	PRODUCT DESCRIPTION
20571	Insight CCTV Integration
20572	Additional 10 Camera License

20568 INSIGHT PHOTO ID



Operators can design custom card templates.

Each template may contain:

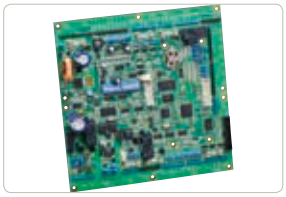
- A background image
- A user photograph
- Selected database fields
- Simple text
- Includes image capture from Windows Image Acquisition (WIA) compatible devices, eg digital cameras, web cams or similar
- Can be used from multiple Insight client workstations with only a single PhotoID license, making it an extremely cost effective card printing solution
- Once the card templates are configured, individual user cards may be printed directly from the user programming screen, without opening the Insight PhotoID module

20589 INSIGHT ACTIVE USER ROTATION (AURM)

- Extends the user capacity of Concept 4000 Control modules (i.e hundreds of thousands)
- Works with one or many Concept 4000 panels
- Up to 3 second processing time
- Designed for Virtual Panel architecture
- Designed for Site Coded card reader configurations
- Compatible with Insight Dynamic User Import Module (DUIM)
- Requires 512k memory and v7.60 up firmware

Access Control

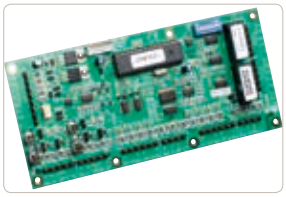
20421/20422 INTELLIGENT 2 DOOR ACCESS MODULE



- On-board 3 amp power supply
- 2 On-board lock relays
- Optically isolated LAN input provides 5kV isolation for protection from surges
- Separate valid, invalid and Door Open Too Long (DOTL) output for each door
- Separate reed, tongue, Request to Enter (REN), Request to Exit (REX) & Arm inputs for each reader
- All card reader interfaces operate with common magnetic swipe and Wiegand readers without the need for any additional interfaces
- Onboard review buffer for offline operation
- Each card reader may be independently configured, allowing a combination of card reader technologies
- Door open too long pre warn function
- 8 General purpose Onboard zone inputs

CODE NUMBER	PRODUCT DESCRIPTION
20421P	Intelligent 2 Door Access Module - PCB ony
20421C	Intelligent 2 Door Access Module - Chassis
20421	Intelligent 2 Door Access Module - Standard Cabinet
20421L	Intelligent 2 Door Access Module - Large Cabinet
20422	2 Port Reader Expander for Intelligent 2 Door Access Module

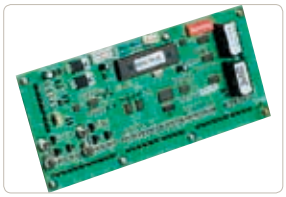
20320 2 DOOR ACCESS MODULE CACHE



- Supports magnetic swipe or Wiegand card readers without the need for an additional interface
- Card Cache version supports offline database of 35 backup cards, plus dynamic cache of 110 cards per reader
- Provides reed and tongue sense monitoring
- Request to Enter (REN) and Request to Exit (REX) inputs provided
- Door Open Too Long (DOTL), valid and invalid outputs
- On-board lock relays
- Fuse protection of reader head power

CODE NUMBER	PRODUCT DESCRIPTION
20320P	2 Door Access Module - PCB only (cached)
20320C	2 Door Access Module - Chassis - 1.75A PSU
20320CB	2 Door Access Module - Chassis - 2.0A PSU with Low Battery
20320	2 Door Access Module - Standard Cabinet - 1.75A PSU
20320SB	2 Door Access Module - Standard Caginet - 2.0A PSU with Low Battery
20320L	2 Door Access Module - Large Cabinet - 1.75A PSU
20320LB	2 Door Access Module - Large Cabinet - 2.0A PSU with Low Battery

20324 STANDALONE 2 DOOR ACCESS MODULE



- Supports magnetic swipe or Wiegand card readers without the need for an additional interface
- Capacity for 100 cards with full user names
- Provides reed monitoring
- Request to Enter (REN) and Request to Exit (REX) inputs provided
- Inputs for fire or smoke detectors
- Multi-purpose output per door to signal Door Open Too Long (DOTL), Door Forced or Fire Alarm Valid/ invalid outputs
- On board heavy duty lock relays
- Fuse protection of reader head power
- Real time clock enabling six Timezones, four of which are user programmable
- Timestamped 64 event hardware review buffer
- Comes with free management software incorporating full review log functionality

CODE NUMBER	PRODUCT DESCRIPTION
20324	Standalone 2 Door Access Module - Standard Cabinet - 1.75A PSU
20324P	Standalone 2 Door Access Module - PCB only

Access Control

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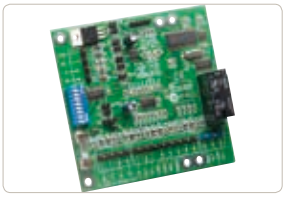
DATA COMMUNICATIONS SECURITY

20322 SINGLE DOOR ACCESS MODULE

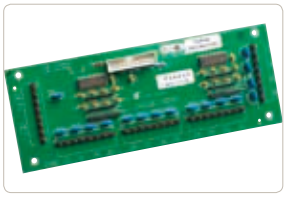


- Supports magnetic swipe or Wiegand card readers without the need for an additional interface
- Standard version supports offline database of up to 31 backup cards
- Provides reed and tongue sense monitoring
- Request to Enter (REN) and Request to Exit (REX) inputs provided
- Door Open Too Long (DOTL), or valid and invalid outputs
- On-board lock relay
- Fuse protection of reader head power

CODE NUMBER	PRODUCT DESCRIPTION
20322P	Single Door Access Module - PCB only
20322C	Single Door Access Module - Chassis - 1.75A PSU
20322CB	Single Door Access Module - Chassis - 2.0A PSU with Low Battery
20322	Single Door Access Module - Standard Cabinet - 1.75A PSU
20322SB	Single Door Access Module - Standard Cabinet - 2.0A PSU with Low Battery
20322L	Single Door Access Module - Large Cabinet - 1.75A PSU
20322LB	Single Door Access Module - Large Cabinet - 2.0A PSU with Low Battery

Input & Output Expanders

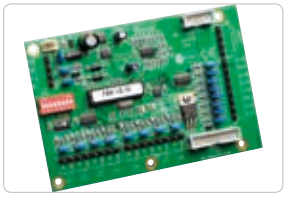
20310/20325 16 ZONE EXPANDER



- Extra Detector power outputs
- Battery deep discharge protection and enhanced surge protection
- Field upgradeable firmware and detailed labelling of DIP switches and links
- 16 Zone inputs, expandable to 32 by use of the optional 16 Zone Expander board (995006)
- 8 Auxiliary outputs, expandable to 32 using the optional 24 auxiliary expander board (995007) or up to 4 versatile relay expander boards (995082)
- 2 Independent siren driver outputs
- Cabinet tamper, siren tamper, power supply fuse and battery status monitoring
- Fuse protection of LAN, detector and siren outputs, battery circuit
- 2 amp power supply

CODE NUMBER	PRODUCT DESCRIPTION
20310P	16 Zone Universal Expander - PCB only
20310C	16 Zone Universal Expander - Chassis
20310	16 Zone Universal Expander - Standard Cabinet
20310L	16 Zone Universal Expander - Large Cabinet
20325	16 Zone Expander Add-on Board

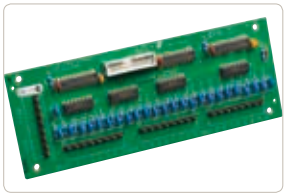
20315 8 ZONE MINI EXPANDER



- 8 Zone inputs, 8 auxiliary outputs
- Programmable input de-bounce time
- Event counting facility

CODE NUMBER	PRODUCT DESCRIPTION
20315P	8 Zone Mini Expander - PCB only
20315C	8 Zone Mini Expander - Chassis - 1.75A PSU
20315CB	8 Zone Mini Expander - Chassis - 2.0A PSU with Low Battery
20315	8 Zone Mini Expander - Standard Cabinet - 1.75A PSU
20315SB	8 Zone Mini Expander - Standard Cabinet - 2.0A PSU with Low Battery
20315LB	8 Zone Mini Expander - Large Cabinet - 2.0A PSU with Low Battery

20330 24 AUXILIARY EXPANDER ADD-ON BOARD

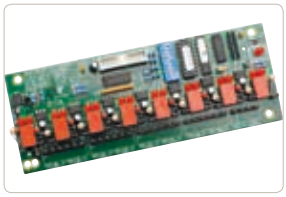


- 24 Open collector auxiliary output expander
- Each output capable of switching 100mA
- Utilises LAN communication from host universal expander
- Can be mounted on same chassis as universal expander
- Expands universal expander auxiliaries from 8 to 32
- Quick and easy installation

Input & Output Expanders

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

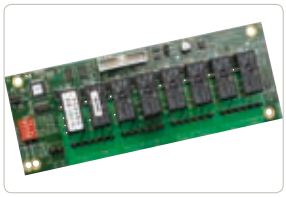
20345/20343 LIFT INTERFACE BOARD



- Provides button feedback and ensures 1 floor is selected per card read
- Push button and user details are recorded in review memory
- Button input voltage - 16-48v DC
- Up to 4 lift interface cards may be used on a single Universal Expander
- Security of 16 Lifts over 64 floors can be provided and 32 lifts using custom configuration
- A 20412 lift interface extension cable is required for connection to the universal expander

CODE NUMBER	PRODUCT DESCRIPTION
20345	Lift Interface Board - 8 Way
20343	Relay Extension Cable

20341 8 WAY VERSATILE RELAY CARD



- 8 Relay outputs
- Compatable with Concept 3000/4000 type 0,1, 2 & 2.5 controllers
- Compatable with all universal expanders
- Up to four relay cards can be connected to one universal expander
- Options for traditional or '1-to-1' aux - relay mapping
- Compatible with mini expanders

Terminals

20307/20308 ELITE LCD TERMINAL

- May be installed as a flush-mount or surface mount unit
- Backlit rubberised keypad provides tactile feedback
- Four LED's provide area status, door functions, alarms and other configurable conditions
- Instant help text available anytime, at the press of a key
- Four 'arrow' keys provide quick and convenient access to options in a 'spreadsheet' style menu
- Zone inputs and auxiliary outputs provided through the terminal
- Programmable panic key and duress option

CODE NUMBER	PRODUCT DESCRIPTION
20307	Elite LCD Terminal - Grey
20308	Elite LCD Terminal - White
20307M	Mylar for Concept 4000 Elite LCD Terminal

20304 PRISMA TERMINAL

- Contemporary slimline surface mount design
- Full colour LCD backlit screen
- Large – easy to read text
- Simultaneously display system diary and alarm events
- Icon and Scroll wheel navigation system
- Function keys for quick item selection
- Scrollable display for menus and lists
- Light sensitive auto dimming LCD backlight
- Variable colour RGB keypad backlight
- Logged off temperature display
- 8 LED indicators for Area status display
- 8-bit digital sound tones
- Instant help text available anytime, at the press of a key
- Programmable panic key and duress option
- Black model also available

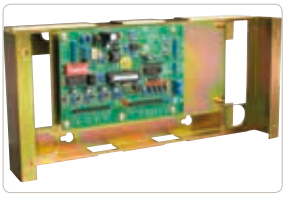
CODE NUMBER	PRODUCT DESCRIPTION
20304	Prisma Terminal - White
20304B	Prisma Terminal - Black

20309 WEATHERPROOF TERMINAL

- Attractive, highly vandal resistant enclosure
- Highly water resistant and fully dust proof IP65 rated case with no moving parts
- Control one door per terminal
- Control a security area associated with the door or user's special area
- Piezo effect pushbuttons with audible feedback
- Easy to install
- Displays login status and area status with 'Code' and 'Armed' LED's
- Keypad lockout feature if >3 incorrect logins in a row
- Flying leads provide option to house reader module in more sheltered location

LAN Modules

20332 ANALOGUE MODULE



- Four independent analogue inputs, each with its own programmable threshold 'trigger point'
- 0-5v or 4-20mA types available
- 8 bit resolution, 1% accuracy
- Compatible with the Serial Temperature Sensor (995089)
- LAN voltage monitoring
- Cabinet tamper input
- Four output auxiliaries
- Two general purpose digital inputs (No EOL resistors)

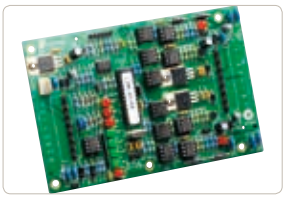
20380 WEB INTERFACE KIT

- The Concept WEB interface provides the following controls using the WEB browser on your smartphone
- Turn any security area on or off
- Lock or unlock any door
- Turn home automation devices on or off
- View system review events (Last 50)
- Provision for multi user login

20338 INNER RANGE/PARADOX RF LAN MODULE

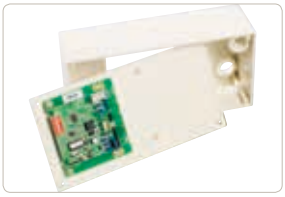
- Transceiver connects directly to the Concept RS-485LAN
- Provides 32 wireless zone inputs
- Fully compatible with selected Paradox Magellan wireless devices, detectors, door contacts, RF fobs and smoke detectors
- Bi-directional wireless audible & visual feedback to RF fobs for arming and disarming system areas and outputs
- Wireless PIN entry using selected models of RF fobs
- Low battery supervision & reporting from all wireless devices

20355 LAN ISOLATOR



- 5kV isolation between LAN segments
- Can help eliminate earth loops in the LAN
- Improved anti-surge protection
- Improved signal to noise ratio over long cable runs
- Two downlink ports on each unit supports monitored 'loop' wiring or two separate downlink 'branches'
- Protects LAN segments from faults or tampering in other segments
- 'Loop fail' and 'branch isolated' alarm outputs can be wired into any standard zone input
- Plastic enclosure supports base and cover tamper switches

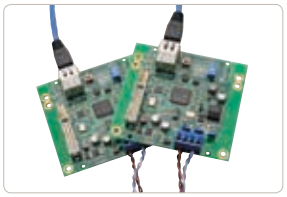
20357 TERMINAL INTERFACE (EMULATOR) MODULE



- Operates as an LCD terminal over an RS232 interface
- Specific ASCII characters sent to the Terminal Emulator via RS232 drive the controller in exactly the same way that key presses on an LCD terminal would
- RS232 cables are available for use with this product to support both DB9 (993009) and DB25 (993025) connections

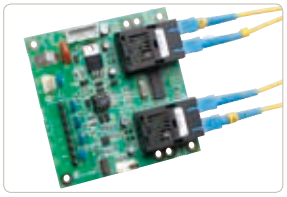
LAN Modules

20500 CONCEPT LAN OVER ETHERNET (CLOE) MODULE



- Transmit Concept RS485 LAN over ethernet networks
- Convert standard RS485 LAN modules into ethernet LAN modules
- Serial communication speeds of up to 19200 baud
- Extend Concept 4000 LAN distance
- Use wireless IP technologies to save wiring costs
- Use existing IP networks to save wiring time and costs
- Deploy single control modules across multiple sites
- Provide electrical isolation between RS485 LAN segments
- Configured as a master and slave
- 1 Master that supports upto 4 slaves

20502 FIBRE MODEMS



- Multi-mode fibre modems extends Concept LAN up to 11Km
- Single mode fibre modems extends Concept LAN up to 13Km
- Electrical isolation from the remote LAN
- Fibre links immune to earth loops and induced noise
- Immune to propagation of electrical pulses due to lightning
- Supports loop and branch ('Y') configurations
- Redundant LAN path when fibre modems are used in 'loop' configuration
- 'Loop fault' and 'branch fault' auxiliary outputs

CODE NUMBER	PRODUCT DESCRIPTION
20502	Fibre Modems
20503	Multi-mode Fibre Modem
20504	Single-mode Fibre Modem

Miscellaneous Equipment

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DATA COMMUNICATIONS SECURITY

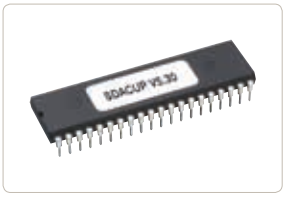
20220-20334 ACCESSORIES

CODE NUMBER	PRODUCT DESCRIPTION
20220	IRW-2000 Magnetic Swipe Reader
20240	IRX-2000 External Housing
20303	RS-485 LAN Driver Chip
20317	Raid Panic Button - 3 Buttons
20334	Temperature Sensor

20460-20462 SURGE PROTECTORS

CODE NUMBER	PRODUCT DESCRIPTION
20460	Surge Protector - AC
20461	Surge Protector - LAN
20462	Surge Protector - Phone Line

20370-20372 MEMORY CHIPS



CODE NUMBER	PRODUCT DESCRIPTION
20370	128k Memory Chip - Type 0/1
20370CE	128k Memory Chip - Type 2
20370CEP8	128K Memory Chip with P8 Pic Chip
20372	512k Memory Chip - Type 0/1
20372CE	512k Memory Chip - Type 2
20372CENZ	256k Memory Chip - Type 2 - NZ Special

Miscellaneous Equipment

20364-35405 COMMUNICATIONS INTERFACE

- UART port interface cables provides permanent connection for laptops, PC's, printers and modems to the UART ports on a control module. A UART interface board is required
- Port '0' interface cables provides a temporary laptop connection to port '0' on the control module. This feature should only be used for commissioning and flash programming purposes
- LAN ancillary cables enables the installer to temporarily connect a terminal to a LAN module to assist in commissioning. The cable features a four way polarised socket. An ancillary LAN connector is produced on most Concept 4000 modules that connects to the LAN
- Securitel cable is designed to connect a Securitel Serial STU or C&K Systems SpreadNet®, receiver to a port on a Concept 4000 UART board
- FE3000 modem interface cable is designed to connect an Inner Range FE3000 GSM modem to a port on an Concept 4000 UART interface board
- C Bus/Dynalite cables connects the Concept 4000 and third party systems

CODE NUMBER	PRODUCT DESCRIPTION
20364	Port 0 Interface Cable with Serial Connection
20364USB	Port 0 Interface Cable with USB connection
20365CE	1 Port UART for Type 2 Controller
20358CE	1 Port UART with TCP/IP
20366CE	2 Port UART for Type 2 Controller Boards Only
20359CE	3 Port UART with TCP/IP
20377	9 Pin Computer Interface Cable
20379	25 Pin Computer Interface Cable
20360	25 Pin Serial Printer Interface Cable
20361	Clipsal C-Bus Interface Cable
20362	Dynalite Interface Cable
35405P	Inner Range Multipath MPIP Omnilink STU - PCB only

20240-20494 CONCEPT PACKS

CODE NUMBER	PRODUCT DESCRIPTION
20240	Concept IRX-2000 External Housing
20490	Concept 3000CE Alarm Starter Pack: CE3000 in Standard Cabinet and Elite Terminal
20491	Concept 4000CE Alarm Starter Pack: CE4000 in Standard Cabinet and Elite Terminal
20492	Concept 3000CE Access Starter Pack: CE3000 in Large Cabinet, Elite Terminal, Single Door Access Module on Chassis, 1 Way UART, 9 Pin Computer Cable and HID R10 i-class Reader
20493	Concept 4000CE Access Starter Pack: CE4000 in Large Cabinet, Elite Terminal, Single Door Access Module on Chassis, 1 Way UART, 9 Pin Computer Cable and HID R10 i-class Reader
20494	Concept 4000CE TCI/IP Access Starter Pack: CE4000 in Large Cabinet, Elite Terminal, Single Door Access Module on Chassis, Insight Express with TCP/IP UART, 9 Pin Computer Cable and HID R10 i-class Reader

Power Supply

50100 - 50112 PARADOX 13.8V DC 1.75 AMP SWITCH MODE

- Fuseless electronic protection
- Automatic restore

CODE NUMBER	PRODUCT DESCRIPTION
50100	13.8v DC 1.75 amp Switch Mode - PCB only
50101	13.8v DC 1.75 amp Switch Mode - Gear Plate
50102	13.8v DC 1.75 amp Switch Mode - Paradox Cabinet
50112	13.8v DC 1.75 amp Switch Mode - Inner Range Chassis

50130 -50135 2 AMP POWER SUPPLY

- Reliable and stable
- Small form factor
- Fused AC input and battery protection (4A)
- LED indication of output present, AC fail and reverse battery polarity
- Can be ganged with a second 2A P/S to provide a 4A or dual-redundant power source
- Can be set to a 1A current limit
- Ribbon cable output for devices, such as Mini Expander

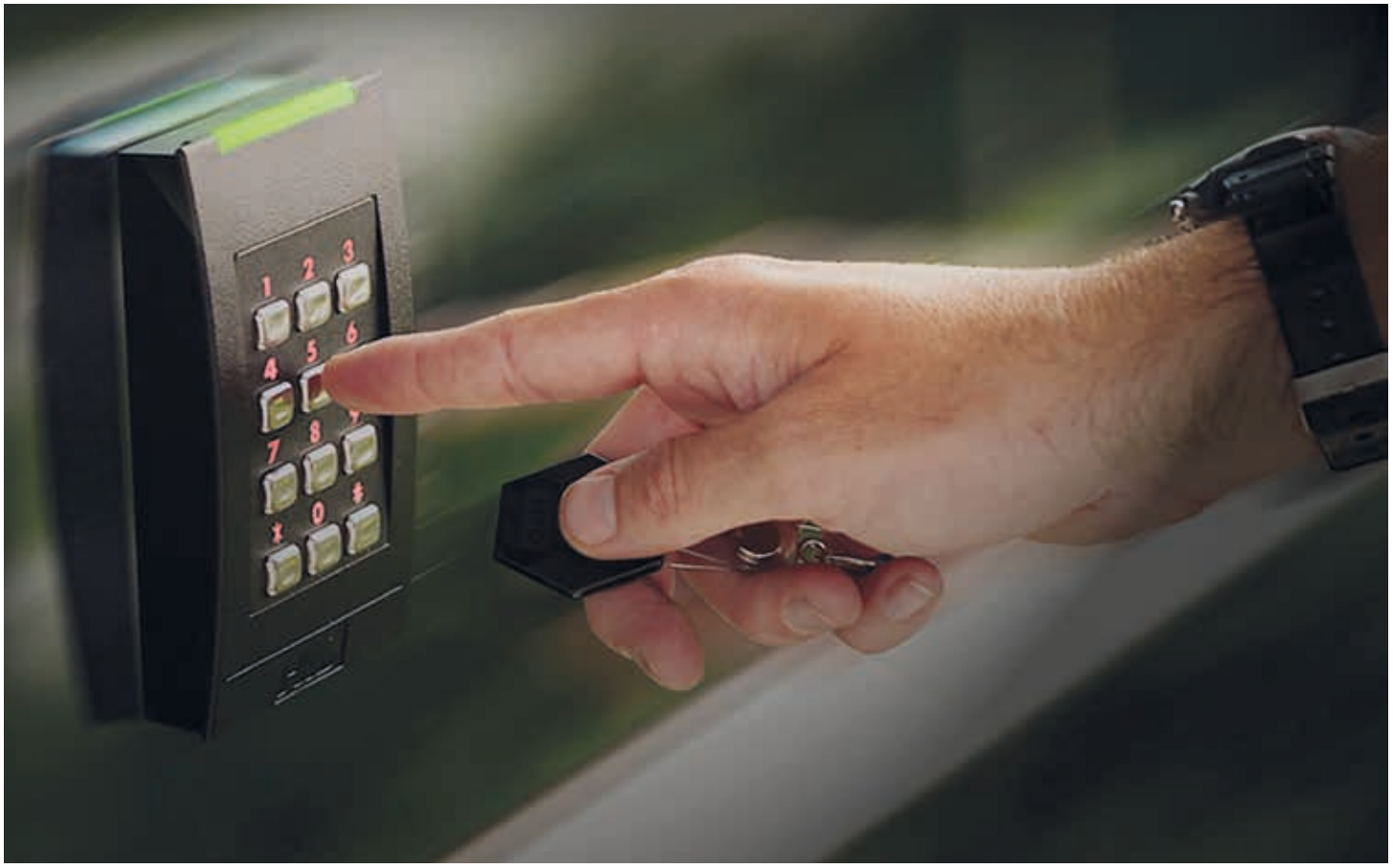
CODE NUMBER	PRODUCT DESCRIPTION
50130	2 amp Power Supply with Low Battery - PCB only
50132	2 amp Power Supply with Low Battery - Chassis
50133	2 amp Power Supply with Low Battery - Standard Cabinet
50134	2 amp Power Supply with Low Battery - Esprit Cabinet
50135	10 Way Ribbon Cable for 2 amp Power Supply

50435 PB256-1210CML 8 AMP POWER SUPPLY MODULE

- Ultra-low noise output
- Independent load & battery charging current limiting
- DC output OK & battery OK alarms & LED's
- Battery-LVD and low alarm
- Over-temperature protection
- Battery fuse fail LED
- 8 amp output and 2 amp battery charger

7 Access Control
Readers, Cards, Keypads & Remotes

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY



HID
ASSA ABLOY

Access Control Solutions
Access control readers, cards, keypads and remotes make access control more powerful, more versatile, and most importantly, offer enhanced security through encryption and mutual authentication.

ACCESS CONTROL

- HID iCLASS SE Readers
- HID multiCLASS SE Readers
- HID Biometric Readers
- HID Proximity Readers
- HID iCLASS Cards & Tags
- HID Proximity Cards
- PosiProx Readers
- PosiProx Cards
- ACTAtek Time & Attendance Units

HID iCLASS SE
HID Global's iCLASS SE access control platform enables customers to future-proof their access control infrastructures while simplifying how identities are created, used and managed, across a broad continuum of application requirements using any combination of smart cards, microprocessor cards and NFC-enabled smartphones. With the iCLASS SE access control platform, enterprises and organizations have the assurance that their investments in today's technologies can be leveraged in the future.

HID multiCLASS
multiCLASS SE® readers are part of HID Global's next generation access control platform and open ecosystem based on HID Global's Secure Identity Object™ (SIO), a portable credential methodology and its Trusted Identity Platform™ (TIP) for advanced applications, mobility and heightened security. multiCLASS SE® 13.56 MHz contactless smart card technology enables a new class of portable identity credentials that can be securely provisioned and safely embedded into both fixed and mobile devices.The readers support the ever-expanding universe of multiple credential technologies for seamless migration and are field programmable for secure upgrades and extended lifecycle.

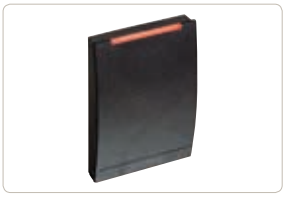
HID iCLASS SE Readers

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

30005 HID iCLASS SE R10 READER (HID 900)

- 13.56 MHz mullion mount contactless smart card reader (read only)
- Slim design is perfect for metal mullions or any other space-limited installation
- Provides a standard Wiegand output
- Dimensions: 4.83 x 10.26 x 2.03 cm
- Reads iClass & iClass SE cards

30010 HID iCLASS SE R40 READER (HID 920)



- 13.56 MHz Contactless smart card reader (read only)
- Slotted mounting plate
- Provides a standard Wiegand output
- Dimensions: 8.38 x 12.19 x 2.16 cm
- Reads iClass & iClass SE cards

30015 HID iCLASS RK40 PIN PROX (HID 6130)

- 13.56 MHz contactless smart card reader with keypad (read only)
- Present a card and use a PIN number for dual verification of identity
- Provides a standard Wiegand output
- Dimensions: 3.30 x 4.80 x 0.9 in. (8.38 x 12.19 x 2.286 cm)
- Reads iClass & iClass SE cards

HID multiCLASS SE & Biometric Readers

30018SE — HID multiCLASS SE RP10 READER

- Powerfully Secure – provides layered security beyond the card media for added protection to identity data using SIOs
- Adaptable – interoperable with a growing range of technologies (iCLASS® Seos™ and iCLASS SE® credential platforms, standard iCLASS®, MIFARE®, and MIFARE® DESFire® EV1 with custom data models) and form factors including mobile devices utilizing Seos™
- Interoperable – Open Supervised Device Protocol (OSDP) for secure, bidirectional communication
- Streamlined Migration – simultaneous support for 125kHz HID Prox®, Indala®, AWID and EM4102 for seamless migration; field programmable for secure upgrades and extended lifecycle

30013 — HID multiCLASS SE RP40 READER

- Simple Migration: from the most popular proximity technologies to iCLASS®
- Open architecture design: allows project specific formats and keys
- Powerful options: provides flexible options for processing multi-technology cards and configuring the reader's audio/visual characteristics
- Reads: 125 kHz - HID proximity and AWID, 13.56 MHz - iCLASS, DESFire® - ISO 15693 CSN (MyD, I Code, Tag It), ISO 14443A CSN (MIFARE®), iClass SE

30014 — HID multiCLASS SE RPK40 READER WITH KEYPAD

- Powerfully Secure – provides layered security beyond the card media for added protection to identity data using SIOs
- Adaptable – interoperable with a growing range of technologies (iCLASS® Seos™ and iCLASS SE® credential platforms, standard iCLASS®, MIFARE®, and MIFARE® DESFire® EV1 with custom data models) and form factors including mobile devices utilizing Seos™
- Interoperable – Open Supervised Device Protocol (OSDP) for secure, bidirectional communication
- Streamlined Migration – simultaneous support for 125kHz HID Prox®, Indala®, AWID and EM4102 for seamless migration; field programmable for secure upgrades and extended lifecycle

30016 — HID BIOCLASS BIOMETRIC READER/ENROLLER (HID 6180)

- Reader input voltage: 9-12v DC
- Current range: 350mA standby/520mA peak
- Cable distance to host: 50ft (15m) max RS-232.
- 4000ft (1216m) max RS-485
- 18 Gauge wire 300ft (152m) max Wiegand 22 gauge wire 125ft (60m) max Wiegand
- Op. temperature: 32°F - +113°F (0°C +45°C)
- Open collector output: sink 40mA, source 1mA
- Can be used to enrol fingerprints into 16k ISO card

HID Proximity Readers

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

30118 HID PROX POINT PLUS READER WITH BEEPER AND LED (HID 6005B)

- Sealed, weatherproof polycarbonate enclosure
- UL 294 listed, CE Mark approved
- Power requirements: 4.75-16v DC
- Current requirements: 35-60mA
- Dimensions: 80 x 43 x 13 mm
- Complete with LED and Beeper

30112 HID PROX PRO READER WITH KEYPAD (HID 5355K)

- Provides the same features as the ProxPro reader with a fully integrated keypad

CODE NUMBER	PRODUCT DESCRIPTION
30112	HID Prox Pro Reader with Keypad (HID 5355K)
30112FC	Spare Front Cover for HID Pin Prox
30112R	Spare Rubbers for HID Pin Prox

30120 HID ENTRY PROX FOR STAND ALONE APPLICATIONS (HID 4045) - INDENT ONLY

- Single door stand-alone system
- Needs 12v DC power supply
- Invalid PIN lockout
- Batch load by presentation
- 12-Position keypad
- Single read mode
- Block delete
- Detachable antenna module
- Optional hand-held printer
- Each card/keytag is then presented to the reader
- Reader head can be remotely mounted (through wall)

HID iCLASS Cards & Tags

30020 HID iCLASS ISO CARD (HID 2000)

- 13.56 MHz contactless smart card
- 2kb standard. Available in 16 or 32kb
- Offers the ability to add a magnetic stripe, barcode, anti-counterfeiting feature, custom artwork or photo ID
- Meets ISO standards for thickness for use with direct image and thermal transfer printers

CODE NUMBER	PRODUCT DESCRIPTION
30020	i-CLASS ISO Card (HID 2000)
30020C	i-CLASS ISO Card - Customer Selected
30021	i-CLASS ISO Card + Prox Combo (HID 2020)
30022	i-CLASS 16k ISO Card (HID 2010)
30023	i-CLASS 25KHZ and 13.56MHz
30024	i-CLASS ISO Card with Mag Swipe

30025 HID iCLASS CLAMSHELL CARD (HID 2080)

- 2kb only
- Offers universal compatibility with all HID iCLASS® readers
- Provides durable packaging and consistent read range
- Provides an external number for easy identification and control
- Image printers

CODE NUMBER	PRODUCT DESCRIPTION
30025	i-CLASS Clamshell Card (HID 2080)
30025C	i-CLASS Clamshell Card - Customer Selected

30035 HID iCLASS KEY TAG (HID 2050)

- 2kb tag
- 16k available in a two or sixteen application area configuration
- 32k available with 16k memory configured in either 2 or 16 application areas, plus an additional 16k user configurable memory space

CODE NUMBER	PRODUCT DESCRIPTION
30035	i-CLASS Key Tag (HID 2050)
30035C	i-CLASS Key Tag - Customer Selected
30040	i-CLASS Adhesive Tag (HID 2060) - Indent Only

30045 BUDDI BANDZ WRISTBAND WITH iCLASS TAG

- Security wristband for HID iCLASS® credentials
- Innovative design combined with industry leading credentials technology
- Ergonomically designed to provide a comfortable, robust and lightweight solution
- Physically attached to the user for all day comfort. No need for lanyards and dongles - strong, flexible and secure. Just strap it on and go
- Passive, no battery design. The Buddi Bandz wristband is a great long term solution allowing for 50,000 reads minimum from HID iCLASS® models
- One year replacement warranty. Customers can rest easy knowing their wristband will be exchanged under warranty – no questions asked, simple

CODE NUMBER	PRODUCT DESCRIPTION
30045	i-CLASS Buddi Bandz wristband 0-49
30045	i-CLASS Buddi Bandz wristband 50-249
30045	i-CLASS Buddi Bandz wristband 250+

HID Proximity Cards

30220 HID PROX CARD II - OFF THE SHELF PROXIMITY ACCESS CARD (HID 1326)

- Access control card
- Dimensions: 86 x 54 x 1.8 mm
- Price competitive with all other card technologies
- Thin enough to carry in a wallet or purse

CODE NUMBER	PRODUCT DESCRIPTION
30220	HID Prox Card II - off the shelf Proximity Access Card (HID 1326)
30220C	HID Prox Card II - Customer Selected Proximity Access Card (HID 1326)

30222 HID DUO PROX CARD - OFF THE SHELF COMBINATION PROXIMITY (HID 1336)

- HID Prox card with magnetic swipe strip
- Standard ISO Prox with magnetic swipe

CODE NUMBER	PRODUCT DESCRIPTION
30222	HID Duo Prox Card - off the shelf Combination Proximity (HID 1336)
30222C	HID Duo Prox Card - Customer Selected Combination Proximity (HID 1336)

30230 HID ISO PROX II - OFF THE SHELF PROXIMITY / PHOTO ID CARD (HID 1386)

- Slim design (off the shelf)
- Print photo ID directly onto card

CODE NUMBER	PRODUCT DESCRIPTION
30230	HID Iso Prox II - off the shelf Proximity / Photo ID Card (HID 1386)
30230C	HID Iso Prox II - Customer Selected Proximity / Photo ID Card (HID 1386)

30228C HID PROX CARD PLUS - CUSTOMER SELECTED

- Combines Wiegand technology, proximity technology and photo identification capability on a single card
- Graphics quality surface for use with direct image printers
- Lifetime warranty
- 54 x 86 x 0.95mm (2.125 x 3.375 x 0.037 in)

30235 HID PROXPASS ACTIVE PROXIMITY VEHICLE TAG - READS UP TO 2.4 METRES (HID 1351)

- Reads up to 2.4 metres
- Active tag
- Battery operated
- Gives long range reading
- 1 Year warranty
- Minimum quantity 10 up

HID Proximity Cards

30224C — HID MICROPROX TAGS - CUSTOMER SELECTED (HID 1391)

- Small adhesive tag
- Stick onto existing ID badges or equipment

30225 — HID PROX KEY - OFF THE SHELF PROXIMITY KEYFOB (HID 1346)

- Proximity keyfob (off the shelf)
- Small enough to carry on a key ring
- Lifetime warranty
- Dimensions: 48 x 23 x 9 mm
- Weight: 7.3g
- Programmed with information formatted for universal compatibility with all HID proximity reader

CODE NUMBER	PRODUCT DESCRIPTION
30225	HID Prox Key - off the shelf Proximity Keyfob (HID 1346)
30225C	HID Prox Key - Customer Selected Proximity Keyfob (HID 1346)

30300 — SMALL CARD PULL

- Enables cards or tabs to clip onto belt

PosiProx Readers

30100 POSIPROX R910 4-WIRE INDOOR/OUTDOOR PROX READER

- In-field firmware upgrade
- Extreme weather-resistant design
- Up to 10cm (4in) read range with C702 standard proximity card (Clamshell)
- Supports the RS-485 output format
- Tricolor LED display
- Advanced SwiftRead technology
- Elegant blue face light
- R910 V1.00 are not upgradable to V2.10, only V2.00 readers are upgradable to V2.10

30105 POSIPIN R915 4-WIRE SEALED INDOOR/OUTDOOR PROX READER AND KEYPAD

- Only 4 wires instead of 7 to connect with 4-wire access control modules
- In-field firmware upgradeable via CONV4USB
- Adjustable red/green LED intensity and buzzer frequency
- Extreme weather-resistant design (injected rubber gasket and PCB cover)
- Tricolor LED display

30160 NANOPROX CARD READER

- Can be set into stand alone mode with programming card
- Stand alone mode with 128 users, 3 access levels (master, super, user)
- Unlocked 3 badge latch and timed latch
- Door contact input (normally closed), request to exit input (normally open)
- Forced door output when used in input modes (no comms)
- Program using multiple master programming cards
- Programmable door open too long, pre alarm and unlock time
- HID or Poziprox format

PosiProx Cards

30202 PARADOX POSIPROX STANDARD PROX CARD

- Vertical slot for clip attachment
- Durable PVC housing (white)
- 26 bit
- Read range up to 6cm

CODE NUMBER	PRODUCT DESCRIPTION
30202	Paradox Posiprox Standard Prox Card, off the shelf
30202C	Paradox Posiprox Standard Prox Card, customer selected

30210 POSIPROX PROXIMITY KEY TAG

- Read range up to 6cm
- Key hole attachment provided

CODE NUMBER	PRODUCT DESCRIPTION
30210	Posiprox Proximity Key Tag, off the shelf
30210C	Posiprox Proximity Key Tag, customer selected

30215 MAGELLAN RF REMOTE & INTEGRATED TAG

- Water resistant, stylish clear blue plastic with backlight for buttons
- Perform up to 5 different actions
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6160/MG6130
  - 45m (150ft) with MG5000/MG5050
  - 60m (200ft) with RTX3
- Built-in access card (present remote control to a reader like an access card)

30300 SMALL CARD PULL

- Enables cards or tags to clip onto belt

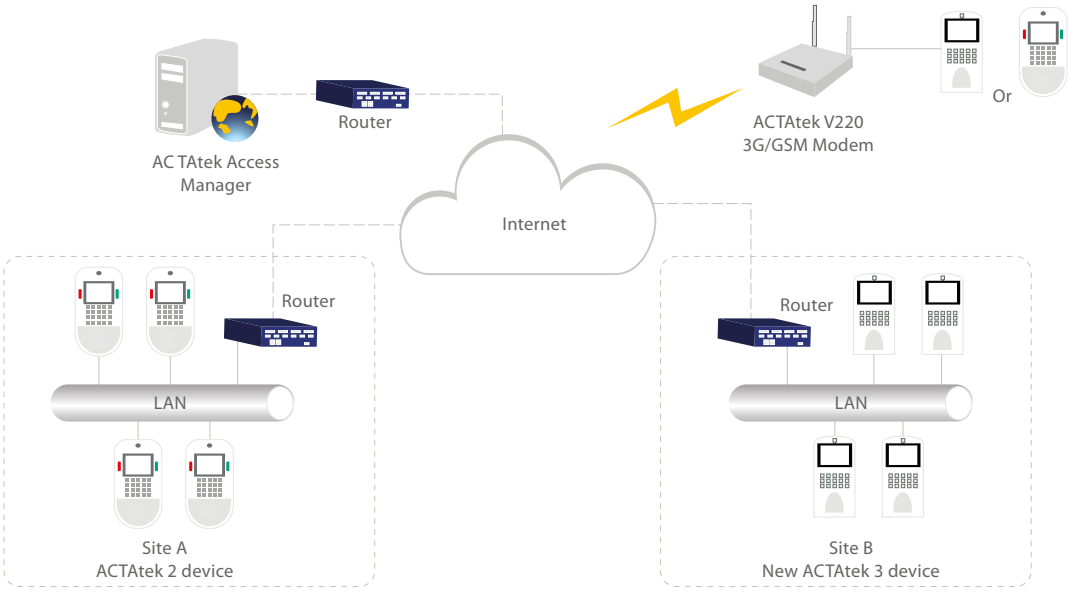
ACTAtek Time & Attendance Units

30190-30191 ACTAtek TIME & ATTENDANCE UNITS

- 71.12mm (2.8in) TFT 256k colour screen with slim and compact design
- Embedded software, no software installation necessary
- State of the art embedded, encrypted Linux web server technology.
- Control, configure & administrate via web browser
- SSL encrypted communication between units & browser
- Real time system update & configuration
- 500 DPI optical scanner
- Auto-match support up to 500 users (1:N) FAM model
- Auto-match support up to 3,000 users (1:N) FLI model
- Operates in Standalone or Network modes
- Robust and scalable for enterprise-wide deployment
- Instant notification by SMS, Email and on-screen (*require configuration and SMS service subscription)
- IP 65 rated, weather & impact resistant casing (fluid ingress, dust, salt, fog protection)
- Built-in Video/CMOS camera (optional)
- Up to 500 photos (FIFO internal storage)
- 1,000, 3,000 , 5,000 ,10,000, 15,000 or 20,000 users
- Up to 75,000 event logs

Five Modes of authentication:

CODE NUMBER	PRODUCT DESCRIPTION
30190	ACTAtek iClass Reader only
30191	ACTAtek Fingerprint only
TBA	ACTAtek iClass Reader & Fingerprint Unit
TBA	ACTAtek ID & Fingerprint Unit
TBA	ACTAtek ID & PIN Unit



Typical network connection diagram

8 Locks & Door Hardware

MAGlocks, Mortice Locks, Drop Bolts, Strikes & Accessories

Locking Solutions
ASSA ABLOY products are created to meet the market demands, supplying the commercial, semi-commercial and residential markets with premium quality products that are functional yet dynamic in their design.

LOCKS & DOOR HARDWARE

- Electromagnetic (Mag) Locks
- Electric Mortice Locks
  - System Architecture
- Electric Mortice Locks
- Drop Bolt & Strike Locks
- Door Loops, Request to Exit Buttons
- Latch Monitors

Lockwood Solutions
Lockwood has a well-established reputation for high quality products, this iconic brand provides a wide range of locking solutions to residential housing, commercial building and industrial application markets, supported by an extensive distribution and after-sales support network. Lockwood customers include retailers, architects, trade and industrial personnel, locksmiths and security dealers.

Trimec Solutions
Since 1990 Trimec Technology has been supplying superior products to the access control industry. The mainstay of the early business was the ES2000 which was revolutionary in design, being the first strike to be interchangeable from Fail Safe to Fail Secure.

Electromagnetic (Mag) Locks

30402-30414 EM-750-R MEDIUM STAINLESS STEEL MAG LOCK

- Surface or face mount electromagnets for light doors, general traffic control and emergency exits
- Stainless steel housing of waterproof quality for indoor or external applications
- 800lbs of holding force with magnetic bond sensing
- Dimensions: 230 (L) x 45 (W) x 29 (D) mm

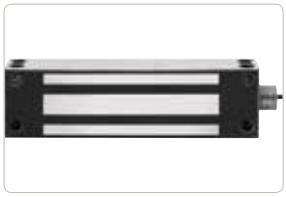
CODE NUMBER	PRODUCT DESCRIPTION
30402	10003M Micro Stainless Steel Mortice Mount - 12v DC 500mA 300lb
30404	EM-750-R Medium Stainless Steel - 12v DC 350mA 800lb w/Bond Sensing
30410	LZ-150 L&Z Bracket for Micro Magnet
30414	Z-750 Z Bracket for EM-750

30800-30806 LOCKWOOD 770600-010 1300LB MAG LOCK WITH MBS

- 12v DC or 24v DC selectable voltage
- 1300lb (600kg) holding force
- Magnetic bond sense output
- Keyhole mounting slots for easy installation
- Dimensions: 265 (L) x 70 (H) x 40 (W) mm

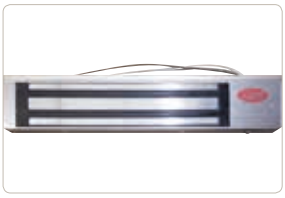
CODE NUMBER	PRODUCT DESCRIPTION
30800	Lockwood 770600-010 1300lb Mag Lock MBS
30801	Lockwood 770600-012 1300lb Mag Lock MBS+DPS
30802	Lockwood 770600-110 1300lb Double Mag Lock MBS
30803	Lockwood 770600-112 1300lb Double Mag Lock MBS+DPS
30805	Lockwood 770600-901 L&Z Bracket for 1300lb
30806	Lockwood 770600-905 Glass Door U Bracket 1300lb

30808 LOCKWOOD LEM600MWR WEATHER RESISTANT ELECTROMAGNETIC LOCK



- Fail-safe: unlocks when power is removed
- Easy installation: suitable for both new and retrofit usage
- High holding force: refer to the technical data overleaf
- Self-alignment: armature plate pivots to accommodate door drop
- Silent operation: no humming or buzzing
- Dual voltage: site selectable 12 or 24v DC
- Monitored versions: hall-effect status monitoring available on some models
- Instantaneous release: smart electronics on the Z series eliminate residual magnetism

30811 LOCKWOOD 770300-012 500LB MAG LOCK WITH MBS

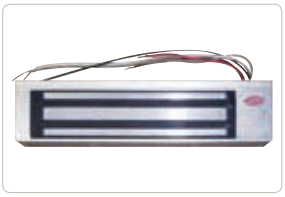


- 12v DC or 24v DC selectable voltage
- Magnetic band sense output
- Keyhole mounting slots for easy installation

CODE NUMBER	PRODUCT DESCRIPTION
30811	Lockwood 770300-012 500lb with MBS
30815	Lockwood 770300-901 L&Z Bracket for 500lb
30816	Lockwood 770300-905 Glass Door U Bracket 500lb

Electromagnetic (Mag) Locks

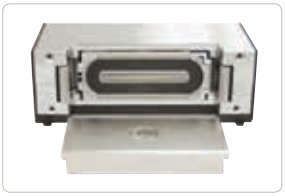
30820/30825 LOCKWOOD 770150-010 220LB MAG LOCK WITH MBS



- 12v DC or 24v DC selectable voltage
- 220lb (100kg) holding force
- Magnetic bond sense output
- Dimensions: 170 (L) x 40 (H) x 20 (W) mm

CODE NUMBER	PRODUCT DESCRIPTION
30820	Lockwood 770150-010 220lb Mag Lock with MBS
30825	Lockwood 770150-901 L&Z Bracket for 220lb Lock

31002-31004 SECURITRON MM15DT ELECTROMECHANICAL MAGLOCK



- 4000lbs holding power
- Mounting plate for easy, accurate installation
- Automatic dual voltage (12/24v)
- Accepts AC or DC current
- Fail Safe
- Ideal for mental health care and auxiliary detention facilities and other high-risk locations
- MagnaCare lifetime replacement. No fault warranty

CODE NUMBER	PRODUCT DESCRIPTION
31002	Securitron MM15DT E-Mag Lock - Holding Force 4000lbs, SS, DPS, Tamper
31003	Securitron Z-MM15CL, Z-Bracket for MM15, Clear
31004	Securitron HEB-1CL-MM15, HEB Bracket 1in. for MM15 series #130, Clear

31030 SECURITRON UNL-12 UNLATCH® STRIKE FOR CYLINDRICAL LOCKS - 12V DC

- No cutting or altering of the jamb required
- Releases under preload
- Supports deadlatch function
- Fits standard ANSI 4-7/8in. strike cutout
- Motor driven action
- Latch status sensor included (SPDT)
- MagnaCare lifetime replacement. No fault warranty

31031 SECURITRON MUNL-12 MORTICE UNLATCH

- No cutting or altering of the jamb required
- Releases under preload
- Fits standard ANSI 4-7/8in. strike out
- Motorized, no solenoids
- Fully concealed installation
- Maintains dead-latch function at all times
- Continuous duty
- Latch status sensor is standard

31040 SECURITRON GL-1 2000LB HOLDING FORCE GATE LOCK

- 2000lbs. holding force
- Operates under pre-load up to 100lbs.
- Automatic dual voltage - no field adjustment required
- Field-selectable fail secure/fail safe
- Manual key override (right or left hand)
- Self-aligning receiver (+/- 1/2in. horizontally) helps compensate for gate misalignment and sag
- Tamper resistant cast aluminium housing
- Latch status monitor switch (SPDT)
- Heavy wall 1/2in. inside diameter threaded steel coupling
- Hardened steel latch and pin standard
- Surface mount
- MagnaCare lifetime replacement. No fault warranty

Electric Mortice Locks System Architecure

3570 Series Electric Mortice Lock

Ordering Procedure

Sample Part Number 3572ELAM2RSC is made up of several sections.
Choose your product by selecting an option from each section.

For example:

Backset	Fixing	Lock Functions	Electric Lock	Safety Function	Sub Function	Handing	Finish
3	5	72	EL	A	M2	R	SC

Backset

60 mm	3
89 mm	4
127 mm	5

Fixing

Standard	5

Lock Functions

Primary lock	70
Vestibule lock	72
Combination lock	74
Secure Area Rated Lock	79

Electric Lock

Electric Lock	EL

Safety Function

Fail Safe (Power to lock)	A
Fail Secure (Power to unlock)	E

Sub Function

Non-monitored lock (0 Cylinders)	N0
Non-monitored lock (1 Cylinders)	N1
Non-monitored lock (2 Cylinders)	N2
Fully monitored lock including KOM (0 Cylinders)	M0
Fully monitored lock including KOM (1 Cylinder)	M1
Fully monitored lock including KOM (2 cylinders)	M2

KOM-
(Key override monitored)

Right Handing

Right Handing	R
Left Handing	L

Finish

Satin Chrome	SC
Chrome Plate	CP
Polished Brass	PB

3580 Series Electric Mortice Lock

Ordering Procedure

Sample Part Number 3582ELAM2RSC62 is made up of several sections.
Choose your product by selecting an option from each section.

For example:

Backset	Door Material	Lock Function	New Product	Safety Function	Sub Function	Handing	Finish	Options
3	58	2	EL	A	M2	R	SC	62

Backset

23 mm	3
25.4 mm	4
30 mm	5
38 mm	6

Door Material

Metal	58
Timber	59

Lock Function

Vestibule lock	2
Combination Lock	4

New Product

EL

Safety Function

Fail Safe (Power to lock)	A
Fail Secure (Power to unlock)	E

Sub Function

Non-monitored lock (0 Cylinders)	N0
Non-monitored lock (1 Cylinder)	N1
Non-monitored lock (2 Cylinders)	N2
Monitored Lock (0 Cylinders)	M0
Monitored Lock (1 Cylinder)	M1
Monitored Lock (2 Cylinders)	M2
Monitored Lock including KOM (0 Cylinder)	M4
Monitored Lock including KOM (1 Cylinder)	M5

KOM-
(Key override monitoring)

Handing

Right Handing	R
Left Handing	L

Finish

Bright Chrome	CP
Polished Brass	PB
Satin Chrome	SC

Options

24 volt model	62

Electric Mortice Locks

30620-30632 LOCKWOOD 3570 SERIES MORTICE LOCKS

Field changeable settings:

- Fail safe/fail secure configuration
- Multi-voltage - will work on 12-24v DC systems
- Handing - left hand and right hand doors
- Selection of free lever or locked lever on both sides of the door
- Key override monitoring either side of the door
- Monitoring contacts – normally closed, normally open (for key override and request to exit only)

Monitoring features:

- Dead latched and Locked
- Door position/reed switch
- Dual key override monitoring
- Request to exit/REX
- LED indication

CODE NUMBER	PRODUCT DESCRIPTION
30620	Lockwood 3570ELM0SC Mortice Lock - No Cylinder, Fail Safe/Fail Secure, Monitored
30621	Lockwood 3570ELM1SC Mortice Lock - 1 Cylinder, Fail Safe/Fail Secure, Monitored
30622	Lockwood 3570ELM2SC Mortice Lock - 2 Cylinders, Fail Safe/Fail Secure, Monitored
30625	Lockwood 3570ELN0SC Mortice Lock - No Cylinder, Fail Safe/Fail Secure, Non-Monitored (Indent only)
30626	Lockwood 3570ELN1SC Mortice Lock - 1 Cylinder, Fail Safe/Fail Secure, Non-Monitored
30630	Lockwood Cylinder and Keys for Mortice Locks
30632	Lockwood Mortice Lock Adaptor 9 PIN to 12 PIN

30640-30646 LOCKWOOD FURNITURE OPTIONS FOR 3570 SERIES

CODE NUMBER	PRODUCT DESCRIPTION
30640	Lockwood 1905/70SC Internal Plate & Lever 60mm Backset
30641	Lockwood 1805/70SC External Plate & Lever 60mm Backset
30642	Lockwood 1801/70SC External Plate & Lever with Cylinder Hole 60mm Backset
30642B	Lockwood 1801/20SC Ball Handle with Cylinder Hole
30643	Lockwood 1922/70SC Internal Plate, Lever & LED 60mm Backset
30644	Lockwood 1820/70SC External Plate, Lever & LED 60mm Backset
30645	Lockwood Internal Plate & Lever with Cylinder Hole 1901/70SC
30646	Lockwood 32mm Rebate Kit for 3572 Mortice Locks

30695 LOCWOOD 530DXSC DIGITAL LOCKSET

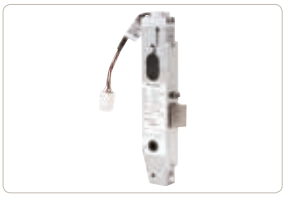
- 13mm Projection deadlatch
- 35 to 45mm Door thickness
- 60, 70 and 127mm Latches available
- Satin chrome brushed (SC)
- Also available in double keypad version, which provides a keypad on each side of the door

Electric Mortice Locks

30696 YALE SYDM3109 DIGITAL DOOR LOCK

- Various access - by proximity card identification, PIN code or key for your convenience
- Easy registration of cards
- Missing card invalidation
- Scrambling code minimizing the chance of exposing your PIN
- Mechanical cylinder applied with key override
- Break-in damage alarm
- Automatic locking (manually set)
- Anti-panic egress
- Safe handle (ideal for small children)
- Low battery warning and emergency power supply

30720-30727 LOCKWOOD 3580 NARROW BACKSET SERIES ELECTRIC MORTICE LOCKS



Available configurations:

- Fail safe or fail secure
- 12v DC or 24v DC
- Field changeable monitoring contacts - normally closed, normally open
- Field changeable handing - Left hand and right hand doors
- Selection of free lever or locked lever on both sides of the door
- Key override monitoring
- LED indication

Monitoring features:

- Dead latched
- Door position/reed switch
- Key override
- Request to exit/REX

CODE NUMBER	PRODUCT DESCRIPTION
30720	Lockwood 3582ELAM0LSC Electric Mortice Lock, Narrow Backset, No Cylinder, Fail Safe
30721	Lockwood 3582ELAM1LSC Electric Mortice Lock, Narrow Backset w/Cylinder, Fail Safe
30723	Lockwood 3582ELAM4LSC Electric Mortice Lock, Narrow Backset w/Monitored Cylinder, Fail Safe
30725	Lockwood 3582ELEN0RSC Electric Mortice Lock, Narrow Backset, Non Monitored, Fail Secure
30726	Lockwood 3582ELEM0RSC Electric Mortice Lock, Narrow Backset, Monitored, Fail Secure
30727	Lockwood 5582ELAM0LSC Electric Mortice Lock, 30mm Extended Backset, Monitored, Fail Safe

30730-30950 LOCKWOOD FURNITURE OPTIONS FOR 3580 SERIES

CODE NUMBER	PRODUCT DESCRIPTION
30730	Lockwood 3580-36SC Long Face Plate
30745	Lockwood 4905/70SC Internal Plate & Lever 23mm Narrow Backset
30747	Lockwood 4801/70SC External Plate & Lever w/Cylinder hole 23mm Narrow Backset
30780	Lockwood Aperio Cylinder & Hub

guaranteed payment **within 48 hours**

Simply Leasing
technology when you need it!

Drop Bolt & Strike Locks

30450 TRIMEC ES110 WATER RESISTANT STRIKE

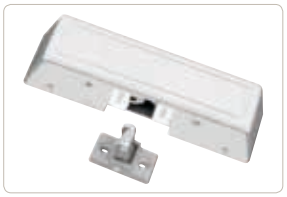
- Selector power to lock or power to unlock
- 12v DC
- Stainless steel striker
- Weather resistant

CODE NUMBER	PRODUCT DESCRIPTION
30450	Trimec ES100 Short Plate - Field Selectable, Fail Safe/Secure, Waterproof
30450L25	Trimec 25mm Lip Extension for ES100
30450L50	Trimec 50mm Lip Extension for ES100

30469 TRIMEC ES200 SERIES ELECTRIC STRIKE

- Fail safe/fail secure changeable on site
- High security
- 4 Hour fire rating
- 850kg holding force
- 1 Million cycles endurance rating
- Cast stainless steel body
- Stainless steel locking pins
- Low current consumption - Max 175mA @12v DC
- Mounting kit supplied as standard
- Australian designed
- TRICARE® 5 Year Warranty

30652 TRIMEC ES600SHL MONITORED HOOK LOCK



- 1350kg (3000lb) holding force
- Protrudes only 40mm into door headroom
- Operates and releases freely with up to 545kg (1200lb) of side load
- Anti-tamper
- Door position/latch monitor
- Will self latch without power for fire applications
- Stainless steel lock components and strike plate
- Can be mounted vertically or horizontally
- Automatic selection of 12v DC or 24v DC with back EMF and reverse polarity protection

CODE NUMBER	PRODUCT DESCRIPTION
30652	Trimec ES600SHL Monitored Hook Lock
30652M	Trimec ES6001MHL Mortice Hook Lock Fail Safe

30454 TRIMEC ES9000 PRE-LOAD MULTI FUNCTION STRIKE

- Operates under pre load up to 25kg
- Easy field selectable fail safe/fail secure
- Multi voltage 12-30v DC
- Full monitoring
- Continuously rated solenoid
- Latch keeper is significantly quieter in operation
- Mounting tabs as standard
- Non handed, field changeable to required configuration

CODE NUMBER	PRODUCT DESCRIPTION
30454	Trimec ES9000 Pre-Load Multi Function Strike
30452L25	Trimec 25mm Lip Extension for ES9000
30452L50	Trimec 50mm Lip Extension for ES9000

Drop Bolt & Strike Locks

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

30453 TRIMEC ES150 SERIES SURFACE MOUNTED ELECTRIC STRIKE

- Fail safe/fail secure changeable on site
- Easy installation suitable for steel and wooden door frames
- Stainless steel striker for extra strength and durability
- Available in 12v DC
- Solenoid rated for continuous use
- IP56 weather resistant
- Australian designed
- TRICARE® 5 year warranty

CODE NUMBER	PRODUCT DESCRIPTION
30453	Trimec ES151 Rim Lock

30456 ASSA ABLOY IRDL ELECTRONIC ROLLER DOOR LOCK

- Multi-voltage input (12-24v DC)
- Multiple locking attempts with fail alarm
- Selectable automatic locking upon door closure
- Selectable fail safe/fail secure
- Bolt position sensors
- Concealed wiring through the base or via a 20mm wiring gland (not supplied)
- Key secured cover
- Floor or wall mounting
- Designed and assembled in New Zealand

CODE NUMBER	PRODUCT DESCRIPTION
30456	Assa Abloy IRDL Electronic Roller Door Lock
30457	IP66 version of IRDL Roller Door Lock

30460 TRIMEC EL110 CABINET LOCK

- Fail safe/fail secure changeable on site
- Flexible alignment: has a 5mm XY adjustment after installation
- Low current consumption: uses only 187mA @ 12v DC
- Available in 12v DC
- Self latching in fail secure mode
- Solenoid rated for continuous use
- TRICARE® 5 year warranty

30680 TRIMEC TB25PTL DROP BOLT

- High security. Bolt is deadlocked in the extended position
- Bolt position monitored
- Door position monitor with integrated magnet into the strike plate (no need to install a separate reed switch)
- Multiple orientation, drop bolts will work horizontally or vertically
- Power to lock/power to open
- Continuously rated solenoid
- Tamper proof. Lock cannot be defeated by slipping a metal object between lock and striker plate
- Intelligent electronics. These intelligent bolts will attempt to re-close the bolt 8 times, allowing time for swing through doors to settle in the closed position
- Thermal protection. In the event of solenoid overheat, a thermal fuse will operate, eliminating any fire risk

CODE NUMBER	PRODUCT DESCRIPTION
30680	Trimec TB25PTL Drop Bolt
30682	Trimec TB25PTL 38mm Drop Bolt
30685	Trimec EB25LSP Long Strike Plate Drop Bolt
30686	Trimec EB25BOX Housing for Drop Bolt
30687	Trimec EB25 Strike Bracket for Drop Bolt
30688	Trimec IB25DP Dress Plate for IB25 Drop Bolt

Drop Bolt & Strike Locks

30690 TRIMEC TS8001 V-LOCK

- SIDE LOAD - PRE LOAD capable lock will unlock with up to 15kg of side pressure, when wired in 3 wire mode, 1 x permanent power (positive 12-24v DC) wire, negative (0 volt return) wire, and 1 x switching input (positive 12-24v DC) wire
- Door misalignment of up to 3.5mm +/-
- Power to lock (fail safe)/power to open (fail secure) field configurable
- HIGH TORQUE motorised locking and unlocking (3 wire mode)
- High speed operation. Unlocks in less than 1 second
- Surface mount accessory kit. Ideal for 180° swing through glass door applications
- Multiple orientation - interior doors can be mounted vertically or horizontally (for exterior doors due to possible water ingress the ES8000 must be mounted horizontally)

CODE NUMBER	PRODUCT DESCRIPTION
30690	Trimec TS8001 V-Lock
30691	Trimec Glass Door Kit for V-Lock

30670 ICBSA SINGLE ACTION COBOLT

- Mortice or surface mount, horizontally or vertically
- Misalignment of up to +/- 8mm is corrected
- The door can have in excess of 100kg being applied and it will still release instantly when requested
- The locking cams automatically deadlock
- 10,000N holding force (1,000kg)
- Two, 10mm thick stainless steel locking cams
- Convert from fail safe to fail secure by repositioning a single jumper
- Door and bolt position switched outputs
- Input voltage from 12v DC – 24v DC (+/- 15%)
- Less than 50mA standby current
- Built in reverse polarity and transient protection
- Multiple attempts to lock
- Glass, timber and aluminium doors

CODE NUMBER	PRODUCT DESCRIPTION
30670	ICBSA Cobalt Single Action Lock
30670DP	Dress Plate for Cobalt Single Action Surface Housing
30670SMH	Surface Housing for Single Action Cobalt

30671 ICBSA DOUBLE ACTION COBOLT

- Mortice or surface mount, horizontally or vertically
- Misalignment of up to +/- 8mm is corrected
- The door can have in excess of 100kg being applied and it will still release instantly when requested
- The locking cams automatically deadlock
- 10,000N holding force (1,000kg)
- Two, 10mm thick stainless steel locking cams
- Convert from fail safe to fail secure by repositioning a single jumper
- Door and bolt position switched outputs
- Input voltage from 12v DC – 24v DC (+/- 15%)
- Less than 50mA standby current
- Built in reverse polarity and transient protection
- Multiple attempts to lock
- Glass, timber and aluminium doors

CODE NUMBER	PRODUCT DESCRIPTION
30671	ICBSA Cobalt Double Action Lock
30671DP	Dress Plate for Cobalt Double Action Surface Housing
30671SMH	Surface Housing for Single Double Cobalt

Door Loops, Request to Exit Buttons Etc.

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

30350 LOCKWOOD 2024BC DOOR CLOSER

- Medium duty closer
- Adjustable back check
- Can be used on either side of door

30351 LOCKWOOD 7714SSS ADJUSTABLE POWER DOOR CLOSER

- Slide arm door closer
- Adjustable backcheck
- Adjustable hold-open
- Stainless steel

30480 DL-200 DOOR LOOP

- 200mm long with plastic ends
- Stainless steel with armoured cable

30481 DWM-450 DOOR LOOP

- 450mm long
- Armoured cable
- Junction box at each end

30483 LOCKWOOD LC8810 POWER TRANSFER LEAD COVER

- The LC8810 power transfer lead covers are designed to ensure unbroken transfer of wires between door and frame in electric locking situations

Door Loops, Request to Exit Buttons Etc.

30500 PROX REX REQUEST TO EXIT TOUCH SWITCH

- Touch request to exit button
- 12v DC
- 2 x Form 'C' contacts

30510/30510C/30511 PROX REX EMERGENCY GLASSBREAK

- Emergency glass break request to exit switch
- 3 x Form 'C' contacts

CODE NUMBER	PRODUCT DESCRIPTION
30510	Prox Rex Emergency Glassbreak
30510C	Lift up Cover for EMREX (Monitored)
30511	Em Rex Spare Reset Tool

30512/30513/30515 CP-21 EMERGENCY DOOR RELEASE -WHITE

- 2 x Form 'C' contacts
- Test key supplied

CODE NUMBER	PRODUCT DESCRIPTION
30512	CP-21 Emergency Door Release - White
30514	CP-22 Reset Table Call Point
30513	Spare Glass for CP-21
30515	Clear Cover for CP-21 Call Point

30530 WEL1911 IP65 ILLUMINATED REX BUTTON ON STAINLESS WALL PLATE

- IP 65 rated
- Stainless steel flush button/plate
- Illuminated green LED
- 2v DC
- Two isolated contacts NO/NC
- Size: (L) 70mm x (H) 115mm x (D) 32mm

30532 WEL2220 LARGE MUSHROOM REX BUTTON

- Stainless steel flush plate
- Two isolated contacts NO/NC
- Size: (L) 70mm x (H) 115mm x (D) 32mm

Door Loops, Request to Exit Buttons Etc.

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

30534 WEL2421 ILLUMINATED ROUND REX BUTTON ON STAINLESS STEEL PLATE

- Round button
- Stainless steel flush plate
- Illuminated green
- 12v DC
- SPDT
- Size: 70 (L) x 115 (H) x 32 (D) mm

30535 WEL2231 ILLUMINATED ROUND SHROUDED BIG REX BUTTON ON STAINLESS STEEL PLATE

- Round button with shroud (SPDT)
- Stainless steel flush plate
- Illuminated green
- 12v DC
- SPDT
- Size: (L) 70mm x (H) 115mm x (D) 32 mm

30536 WES1611 ILLUMINATED SMALL REX BUTTON ON MULLION PLATE

- Illuminated green LED
- Stainless steel flush button/plate
- 12v DC
- SPDT contacts
- Size: (L) 30mm x (H) 75mm x (D) 34mm

30537 WEL3761P TOUCHLESS REX BUTTON

- The switch can be activated by a simple hand wave or approach
- Fully waterproof IP67 rated
- Dual colour LED illumination
- Output timer selectable: 2 or 10 seconds
- Plastic mounting plate
- Dimensions: (W) 70mm x (H) 115mm x (D) 26mm
- Input voltage: 12v DC; power connector 24v AC to 12v DC available
- Current: 18mA standby; 50mA activation
- Output: isolated NO and NC; 1A 30V DC

30689 YALE SNAP MAGNET - CONCEALED MAGNETIC DOOR CATCH

- High strength rare earth magnets
- Blends in to architrave
- Easy to install
- 10 year mechanical warranty
- New Zealand made

9 Other Wireless Equipment
Microlatch & Sherlotronics

Wireless Solutions
The world is going wireless. We offer a large range of wireless equipment to make installations quick, easy and tidy.

OTHER WIRELESS EQUIPMENT
- MicroLatch Transmitters & Receivers
- Wireless Sherlotronics

Microlatch Solutions
Microlatch have an expansive range of Wiegand RF products combining low and high security solution measures.

Flexible and secure Wiegand Radio Frequency (RF) access control solution offering standalone security to a single control point or as part of an integrated large scale access security environment.

Sherlotronics Solutions
Since 1991, Sherlotronics has specialised in Long-Range Switching Applications, predominantly for the Security Industry.

Sherlotronics was one of the first manufacturers to release 'Code-Hopping' type remotes almost a decade ago and they strive to maintain the quality standards and believe in constantly evolving their Products to keep ahead of technology trends.

MicroLatch Transmitters & Receivers

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

30070 MICROLATCH REC-20 4 CHANNEL WIEGAND RF RECEIVER

- Indicators: On Keeloq™ Reception – Red LED, On Wiegand Transmission – Green LED
- Current consumption @ 12v DC 10mA maximum
- Physical dimensions: 85 (L) x 65 (W) x 32 (H) mm
- ABS plastic case material
- 4 Output channels
- Output options: INT shunt selectable, REMOVED 10K pull-ups to 5 volt DC, EXT Open collector +5 volt out terminal active for user selectable external pull-ups
- 433.92MHz RF operating frequency
- Code hopping (Keeloq™) AM ASK Superheterodyne for RF signal type
- Conform to wiegand standard
- EMC tested and approved. CE and C-Tick compliance
- Complies with AS/NZS 4268:2003, AS/NZS 4251.1:1999

CODE NUMBER	PRODUCT DESCRIPTION
30070	MicroLatch REC-20 Wiegand 4 Channel Receiver
30071	MicroLatch External Antenna
30072	MicroLatch REC-14 4 Channel RF Receiver with 4 Relay Outputs (4 x Onboard SPDT Relays)
30073	MicroLatch REC-28 2 Channel RF Receiver with Latched, Pulsed or Timed Outputs

30074-30083 MICROLATCH BUTTON KEYFOB TRANSMITTERS

The below keyfob transmitters send all button Wiegand data through channel 1 on the REC-20 Wiegand receiver, thus producing a more simplified and cost effective solution when used with an access control system.

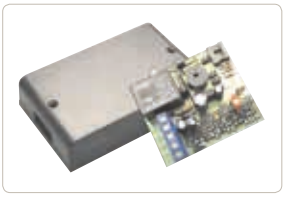
- Keeloq encrypted code hopping data transmission
- 26 Bit Wiegand data
- 433.92 MHz
- Min. 30m RF range (environment dependent)

CODE NUMBER	PRODUCT DESCRIPTION
30078	MicroLatch 2 Button Keyfob Transmitter with Slide Cover - 2 Wiegand Channels
30079	MicroLatch 2 Button Keyfob Transmitter with HID Proximity Chip - 2 Wiegand Channels
30082	MicroLatch 4 Button Keyfob Transmitter with Slide Cover - 4 Wiegand Channels
30083	MicroLatch 4 Button Keyfob Transmitter with HID Proximity Chip - 4 Wiegand Channels

CODE NUMBER	PRODUCT DESCRIPTION
30074	MicroLatch Blister Pack: 1 x REC-28 Receiver and 2 x 30076 Slide Cover 2 Button Transmitters

Wireless SherloTronics

10501/10502 SHERLO RX1-100 SINGLE CHANNEL RECEIVER



- Code-hopping encryption
- 12v DC/24v AC input
- Selectable latching relay contact
- Buzzer beeps every time unit is activated
- Programmable via a master remote
- Selectable 1 or 3 seconds momentary relay contact
- User friendly to program additional transmitters
- Unit can be defaulted 'memory cleared' if required

CODE NUMBER	PRODUCT DESCRIPTION
10501	Sherlo RX1-150 Single Channel 150m Receiver

10503/10504 SHERLO RX1-500 1 AND 4 CHANNEL 500M RECEIVERS

- 12v DC/24v AC input
- Selectable latching relay contact
- Buzzer beeps every time unit is activated
- Programmable via a master remote
- Selectable 1 or 3 seconds momentary relay contact
- User friendly to program additional transmitters
- Unit can be defaulted 'memory cleared' if required

CODE NUMBER	PRODUCT DESCRIPTION
10503	RX1-500 1 Channel 500m Receiver
10504	RX4-500 4 Channel 500m Receiver

10506 /10507 SHERLO ASKDRX DATA RX & 14-WAY CARD

- Supports unlimited 14 way relay cards
- 12v DC
- 3 wires from receiver to relay cards
- Relays can be momentary or toggle/latch

CODE NUMBER	PRODUCT DESCRIPTION
10506	Sherlo ASKDRX Data RX & 14 Way Card
10507	Sherlo 14CHR 14 Relay Add-on Board

10510 SHERLO MB3000P MIMIC PANEL

- 1,000 user memory capability
- 16 Character 'back-lit' liquid crystal display
- Wavecom 'WISIMO' SMS output
- Real time date and time display
- Plug and play
- 99 Event memory capability
- Memory print 'dump' feature
- RS232 Compatible
- Superheterodyne receiver
- 12v DC 1.5 amp power supply
- Range is dependant on transmitter used
- Memory will not clear, in event of power failure
- Monitoring computer software available (MON3000)

Wireless SherloTronics

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

10511-10516 SHERLO BUTTON REMOTES

- Utilizing secure code-hopping encryption
- Unique antenna design incorporating the keyring thus increases operating range by 50%
- Crystal frequency controlled within +/- 100KHz
- Frequencies available are 403.55MHz and 433.92MHz
- 12v battery operation - GP23A alkaline cell
- Typically 2 years battery life expected under normal use
- LED flashes when there is a low battery condition
- Rubber buttons are easy to press and click positively
- The housing is moulded in nylon for improved durability
- Remotes can be used for gate and garage door access control, panic activation, arming/disarming alarm systems, switching on/off security lighting and machinery control

CODE NUMBER	PRODUCT DESCRIPTION
10511	Sherlo TX1 1-Button Remote
10512	Sherlo TX2 2-Button Remote
10514	Sherlo TX4 4-Button Remote
10516	Sherlo TX6 6-Button Remote

10520 SHERLO RPT-P REPEATER 400M TRANSMITTER

- Code-hopping encryption
- SAW crystal controlled
- No programming required
- 8 Different send time settings

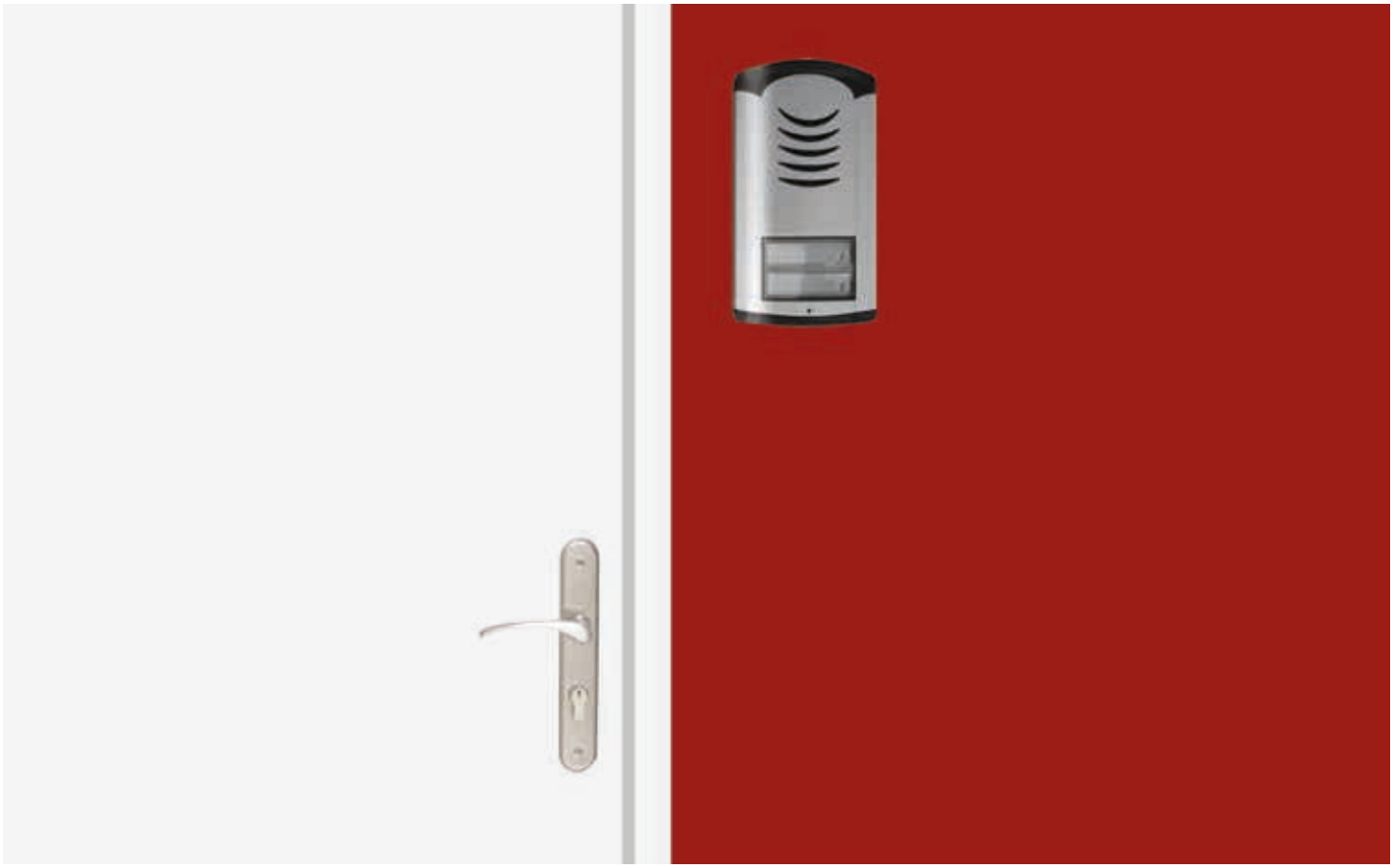
10524 SHERLO S4 4 INPUT 2KM TRANSMITTER

- Transmits up to 2KM line of site if used with 400m receiver
- 4 N.O. inputs
- +/– Trigger

10525 SHERLO GWTX WATERPROOF TRANSMITTER

- Works with all Sherlotronics receivers

10 Intercoms
Slender Doorphones



TELSTROM

Door and gate visitor solutions
Whether you need traditional intercom systems or doophone systems, we have a solution for you.

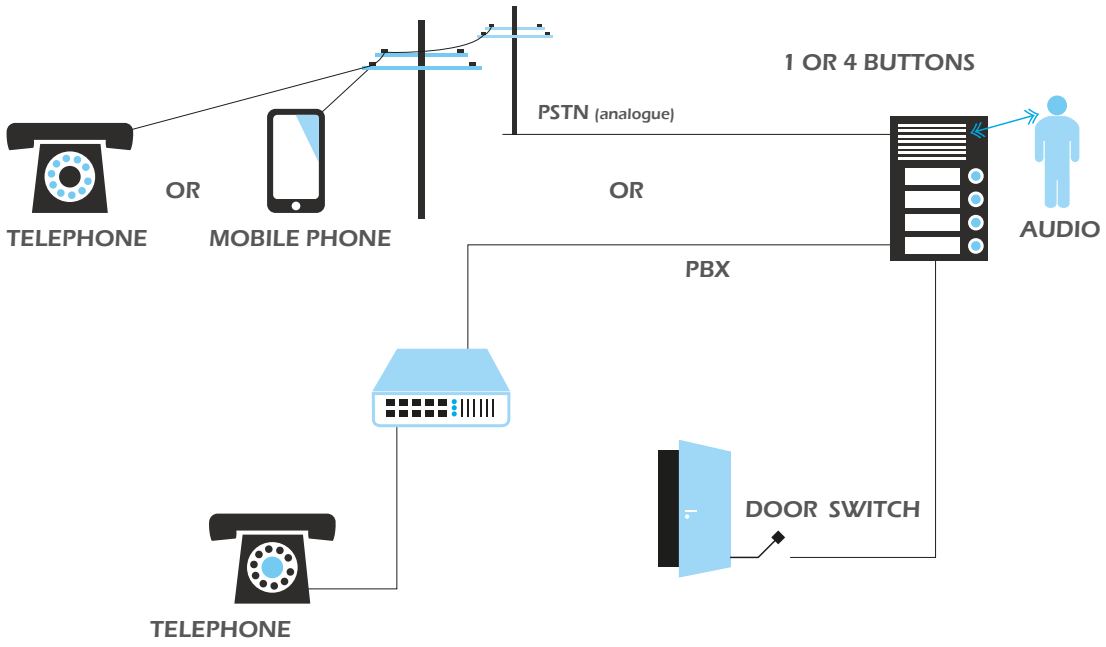
DOORPHONES

- Architecture
- Slender Analogue Doorphones
- Slender IP Doorphones

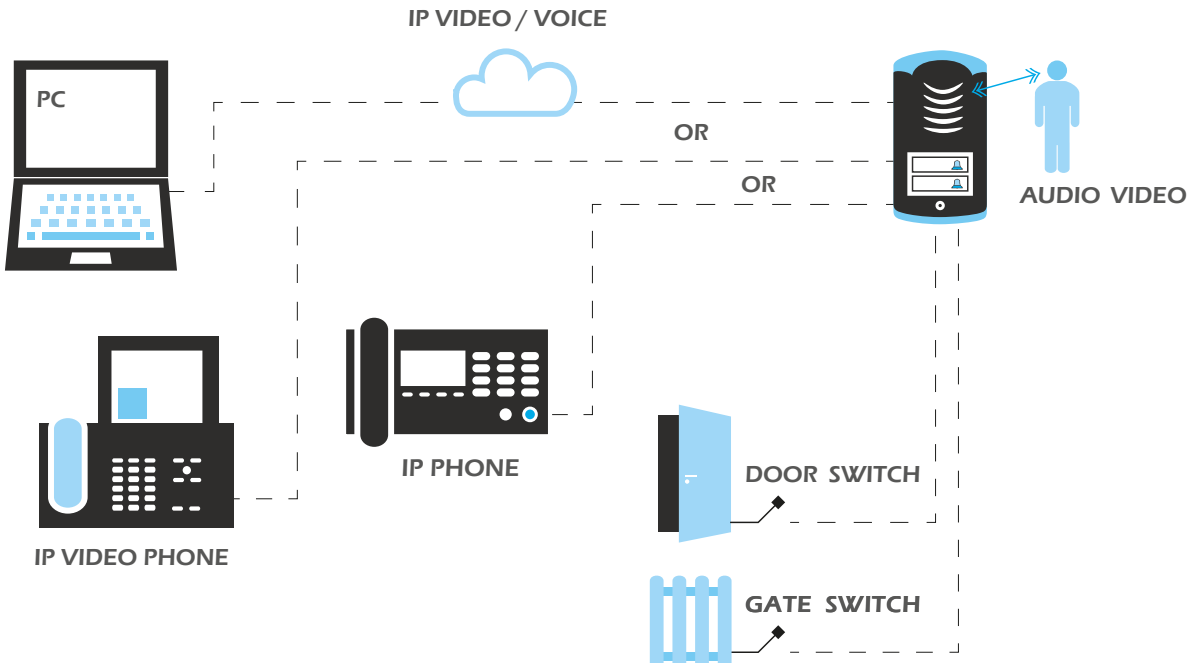
Slender doorphone solution from Telstrom
Telstrom offer telephone based doorphone systems. They can be IP based or analogue, with or without video. Simply press a button on the gate station and it will call a predetermined phone number or IP address to each the user.

Slender Doorphones Architecture

ANALOGUE SLENDER PHONE



IP SLENDER PHONE



Slender Analogue Doorphones

77101 DF-A-S-1B ANALOGUE SLENDER DOORPHONE WITH 1 BUTTON

- Slender design just 16mm thick
- PC configuration via USB connection
- Remote configuration via DTMF
- 1 Button model
- Combination lock control
- 12v AC or 12v DC power supply
- Weight: 360g
- Dimensions: 104 (H) x 153 (W) x 16 (D) mm

CODE NUMBER	PRODUCT DESCRIPTION
77101	DF-A-S-1B Analogue Slender Doorphone with 1 Button
77100	DF-A-S-R Roof for Analogue Slender Doorphone

77104 DF-A-S-4B ANALOGUE SLENDER DOORPHONE WITH 4 BUTTONS

- Slender design just 16mm thick
- PC configuration via USB connection
- Remote configuration via DTMF
- 4 Button model
- Combination lock control
- 12v AC or 12v DC power supply
- Weight: 360g
- Dimensions: 104 (H) x 153 (W) x 16 (D) mm

CODE NUMBER	PRODUCT DESCRIPTION
77104	DF-A-S-4B Analogue Slender Doorphone with 4 Buttons
77100	DF-A-S-R Roof for Analogue Slender Doorphone

77100 DF-A-S-R ROOF FOR ANALOGUE SLENDER DOORPHONE

- Fits 1-button or 4-button Slenderphone
- Provides protection against weather

Slender IP Doorphones

77201 DF-IP-S-2B SLENDER IP DOORPHONE WITH 2 BUTTONS

- Two buttons
- European design
- Remote Web access
- SIP v2 (with SIP proxy)
- Full duplex audio
- Echo cancellation
- 2 Relay/switches

77202 DF-IP-S-2B-C SLENDER IP DOORPHONE WITH 2 BUTTONS & CAMERA

- Two buttons
- Colour video
- European design
- Remote Web access
- SIP v2 (with SIP proxy)
- Full duplex audio
- Echo cancellation IP camera
- 2 Relay/switches

77203 DF-IP-S-1B-C-AV ANTI-VANDAL SLENDER IP DOORPHONE WITH 1 BUTTON & CAMERA

- One button
- Colour video
- European design
- Remote Web access
- SIP v2 (with SIP proxy)
- Full duplex audio
- Echo cancellation
- IP camera
- 2 Relay/switches
- Anti-vandal

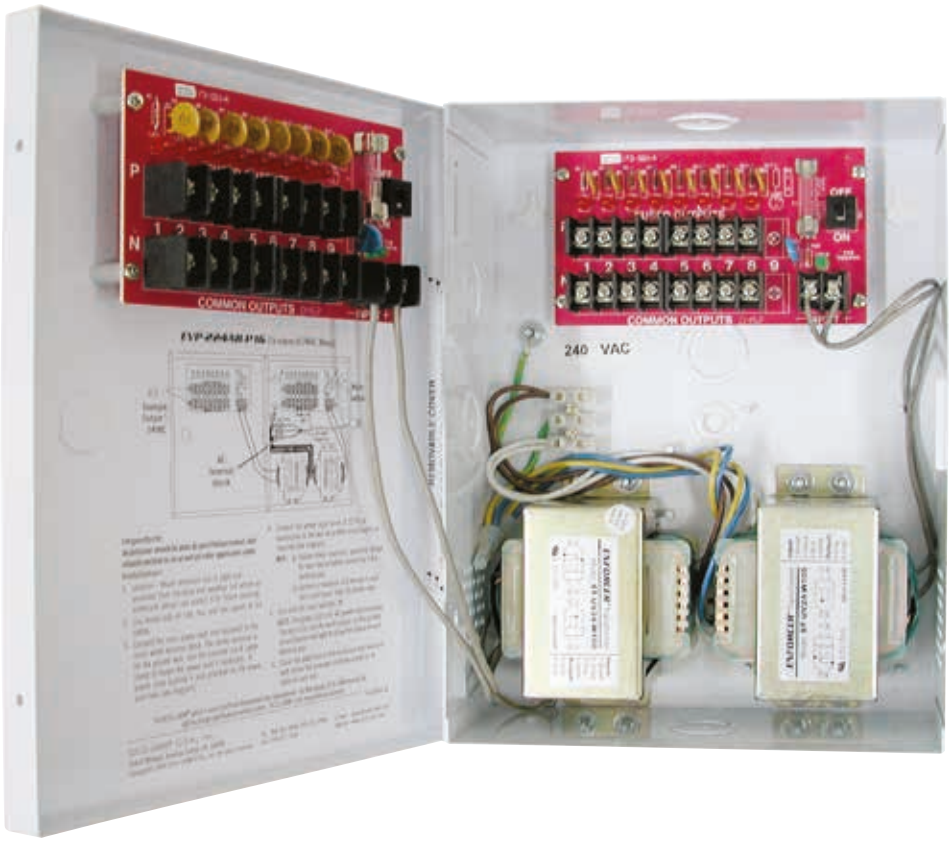
Improved Cashflow

Simply Leasing

technology when you need it!

11 Security Accessories
Power Supply & Cable

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY



3M

Tools of the Trade
A tradesman is only as good as his tools. In this section you will find cable, batteries and various accessories to make installations easier.

Security Accessories
- Power Supply
- Batteries
- Cable
- Cable Tackers
- Drill Bits
- Crimps & Connectors
- Cam Locks
- Relay, Fuse & Interface Boards
- Cabinets & Accessories

Power Supply

50100 - 50112 PARADOX 13.8V DC 1.75 AMP SWITCH MODE

- Fuseless electronic protection
- Automatic restore

CODE NUMBER	PRODUCT DESCRIPTION
50100	13.8v DC 1.75 amp Switch Mode - PCB only
50101	13.8v DC 1.75 amp Switch Mode - Gear Plate
50102	13.8v DC 1.75 amp Switch Mode - Paradox Cabinet
50112	13.8v DC 1.75 amp Switch Mode - Inner Range Chassis

50108 PARADOX DIGIPLEX PS17 BUS POWER SUPPLY IN CABINET

- 1.7A switching power supply
- Fully supervised (AC, battery, low battery and auxiliary limit)
- Selectable battery charge current (350mA/850mA) 1 PGM output
- Includes 20cm x 25.5cm x 7.6cm (8in. x 10in. x 3in.) metal box

CODE NUMBER	PRODUCT DESCRIPTION
50108	Paradox Digiplex PS17 BUS Power Supply in Cabinet
50108P	Paradox Digiplex PS17 BUS Power Supply - PCB Only

50130 -50135 CONCEPT 2 AMP POWER SUPPLY

- Reliable and stable
- Small form factor
- Fused AC input and battery protection (4A)
- LED indication of output present, AC fail and reverse battery polarity
- Can be ganged with a second 2A P/S to provide a 4A or dual-redundant power source
- Can be set to a 1A current limit
- Ribbon cable output for devices, such as Mini Expander

CODE NUMBER	PRODUCT DESCRIPTION
50130	Concept 2 amp Power Supply with Low Battery - PCB only
50132	Concept 2 amp Power Supply with Low Battery - Chassis
50133	Concept 2 amp Power Supply with Low Battery - Standard Cabinet
50134	Concept 2 amp Power Supply with Low Battery - Esprit Cabinet
50135	Concept 10 Way Ribbon Cable for 2 amp Power Supply

Power Supply

50140 24V AC 1 AMP PLUG PACK

- 24v AC
- Regulated output

50142 12V DC 5 AMP IN LINE PLUG PACK

- 12v DC
- Regulated output

50144 12V DC 1 AMP PLUG PACK

- 12v DC
- Regulated output

50145 2.1 DC PLUG-IN LEADS FOR 12V DC CAMERAS

- Allows multiple dome camera power connection

50146 24V AC 2 AMP IN LINE TRANSFORMER

- 24v AC output

50151 16V AC 40VA TRANSFORMER

- 16v AC output
- 2 amp

CODE NUMBER	PRODUCT DESCRIPTION
50151	16v 40VA Transformer
50151X	16v AC 1 amp Plug Pack
50120	24v-12v DC AC/DC Converter

Power Supply

50180 600VA UPS

- 600VA
- Use for back-up on computers/DVRs
- 15 min standby with PC auto shut down

50305 ENFORCER EVP224A4-P4 24V AC 4 AMP POWER SUPPLY

- With 4 fused outputs in enclosure
- 24v AC output
- 4 Individual outputs
- Each output fused at 1 amp
- PTC self resetting fuses

50307 ENFORCER EVP224A8-P16 24V AC 8 AMP POWER SUPPLY

- With 16 fused outputs in enclosure
- 24v AC output
- 16 Individual outputs
- Each output fused at 1 amp
- PTC self resetting fuses

50350-50356 PR801 RACK MOUNT POWER SUPPLY - 24V AC 8 AMP SINGLE OUTPUT

- All 19in. 1 Rack units

CODE NUMBER	PRODUCT DESCRIPTION
50350	PR801 Rack Mount Power Supply, 24v AC 8 amp Single Output
50351	PR816 Rack Mount Power Supply, 24v AC 8 amp 16 Outputs individually fused at 1.1 amp
50355	PR801 Rack Mount Power Supply,12v DC 8 amp Regulated Single Output
50356	PR816 Rack Mount Power Supply, 12v DC 8 amp Regulated 16 Outputs individually fused at 1.1 amp

50435 PB256-1210CML 8 AMP POWER SUPPLY MODULE

- Ultra-low noise output
- Independent load & battery charging current limiting
- DC output OK & battery OK alarms & LEDs
- Battery-LVD and low alarm
- Over-temperature protection
- Battery fuse fail LED

Batteries

50200 12V 1.3 AMP SEALED LEAD ACID BATTERY

- 12v
- 1.3 amp battery
- Sealed lead acid

50202 12V 3.2 AMP SEALED LEAD ACID BATTERY

- 12v
- 3.2 amp battery
- Sealed lead acid

50204 12V 7 AMP SEALED LEAD ACID BATTERY

- 12v
- 7.0 amp battery
- Sealed lead acid

50208 12V 18 AMP SEALED LEAD ACID BATTERY

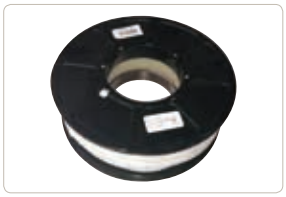
- 12v
- 18.0 amp Battery
- Sealed lead acid

50206 BATTERY LOAD TESTER

- Ideal for alarm technicians and general technical staff
- Easy to use load tester
- Automatic timed test
- Preset pass/fail threshold
- Pass = Green
- Fail = Red
- Works on all 12v sealed acid batteries
- Consistent, simple test procedure

Cable

60100-60142 4 CORE CABLE - 70% COPPER



CODE NUMBER	PRODUCT DESCRIPTION
60100	4 Core .2mm Cable Reel - 100m CCA - 70% Copper
60102	4 Core .2mm Cable Box - 300m CCA - 70% Copper
60141	4 Core .5mm Cable Reel - 100m CCA - 70% Copper
60142	4 Core .5mm Cable Box - 300m CCA - 70% Copper

60120-60155 6 CORE .2MM - 70% COPPER

CODE NUMBER	PRODUCT DESCRIPTION
60120	6 Core .2mm Cable Reel - 100m CCA - 70% Copper
60123	6 Core .2mm Cable Box - 300m CCA - 70% Copper
60153	6 Core .5mm Cable Reel - 100m CCA - 70% Copper
60155	6 Core .5mm Cable Box - 300m CCA - 70% Copper

60126/60127 7 CORE 0.5MM CABLE - SCREENED READER CABLE - 70% COPPER (NOT TWISTED)

CODE NUMBER	PRODUCT DESCRIPTION
60126	7 Core .5mm Cable Box - Screened Reader Cable - 250m CCA - 70 % Copper
60127	7 Core .5mm Cable Reel - Screened Reader Cable - 100m CCA - 70% Copper

60159-60160 8 CORE 0.5MM CABLE - 70% COPPER

CODE NUMBER	PRODUCT DESCRIPTION
60159	8 Core .5mm Cable - 100m CCA - 70% Copper
60160	8 Core .5mm Cable Pull Box - 250m CCA - 70% Copper

60162-60164 TWIN CABLE - 70% COPPER

CODE NUMBER	PRODUCT DESCRIPTION
60162	0.75mm Twin Cable - 250m CCA - 70% Copper
60164	1mm Twin Trurip Cable Reel - 250m CCA - 70% Copper

Cable

60173/60175 — 3 PAIR .2MM LAN CABLE REELS - 100% COPPER

CODE NUMBER	PRODUCT DESCRIPTION
60173	3 Pair .2mm LAN Cable Reel - 100m - 100% Copper
60175	3 Pair .2mm LAN Cable Reel - 250m - 100% Copper

60190-93 — RG59B/U COAX CCTV CABLE REEL - 100% COPPER

CODE NUMBER	PRODUCT DESCRIPTION
60190	RG59B/U Coax CCTV Cable Reel - 100m - 100% Copper
60192	RG59B/U Coax Cable Reel - 500m - 100% Copper - INDENT Only
60193	RG59B/U Coax CCTV Cable Box - 300m - 100% Copper
60199	RG6B/U Coax Cable Box - 300m

60195-98 — COMPOSITE CCTV CABLE REEL

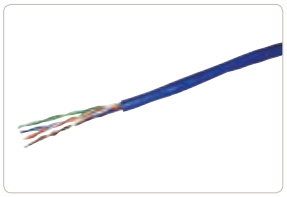
CODE NUMBER	PRODUCT DESCRIPTION
60195	Composite CCTV Cable - 300m Reel - Coax 100% Copper, Twin CCA - 70% Copper - INDENT Only/3 Day lead time
60196	Composite Cable RG59B/U with Twin 0.75mm Power Wires - 100m Drum - Coax 100% Copper, Twin CCA - 70% Copper
60197	Composite CCTV Cable - 250m Reel - Coax 100% Copper, Twin CCA - 70% Copper
60198	Composite CCTV Cable - 500m Reel - Coax 100% Copper, Twin CCA - 70% Copper - INDENT Only/3 Day lead time

guaranteed payment **within 48 hours**

Simply Leasing
technology when you need it!

Cable - 3M

CABLE — 3M™ VOLITION CAT. 5E PVC CABLE



- A wide range of 100 Ohm twisted pair copper cables with superior electrical performance to complement the Volition RJ45 Jacks
- Cables meet EIA/TIA 568A and 568B, ISO 11801, EN 50173 and AS/NZS 3080 standards

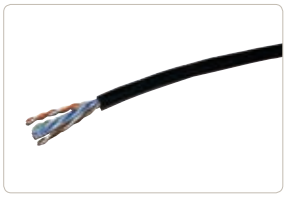
MODEL NUMBER	PRODUCT DESCRIPTION
XE004214427	3M Volition Cat. 5E PVC 4PR UTP Cable Green (Qty: 1 Box/305m)
NE070002427	3M Volition Cat. 5E PVC 4PR UTP Cable Yellow (Qty: 1 Box/305m)
XE004212108	3M Volition Cat. 5E PVC 4PR UTP Cable Blue (Qty: 1 Box/305m)

CABLE — 3M™ VOLITION CAT. 6 PVC CABLE

- A wide range of 100 Ohm twisted pair copper cables with superior electrical performance to complement the Volition RJ45 Jacks
- Cables meet EIA/TIA 568A and 568B, ISO 11801, EN 50173 and AS/NZS 3080 standards

MODEL NUMBER	PRODUCT DESCRIPTION
XE004213783	3M Volition Cat. 6 PVC 4 PR UTP Cable Blue (Qty: 1 Box/305m)
XE000725343	3M Volition Cat. 6 PVC 4 PR UTP Cable Green (Qty: 1 Box/305m)

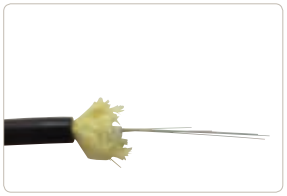
CABLE — 3M™ VOLITION CAT. 6 CABLE UTP PE (EXTERNAL) GEL BLACK



- Use 3M CAT6 UTP Gel Filled PE Jacket cable where cable is buried underground or has any exposure to water or UV

MODEL NUMBER	PRODUCT DESCRIPTION
XE000729139	3M Volition Cat. 6 Cable UTP PE (External) Gel Black (Qty: 1 Reel/500m)

FIBRE CABLE - OUTDOOR — 3M™ LT GEL FILLED PE SHEATH FIBRE CABLE



- PE Sheath loose tube gel filled outdoor cable
- Singlemode/multimode fibre
- 6 and 12 Core

MODEL NUMBER	PRODUCT DESCRIPTION
XE000701526	3M Volition OM3 PE Jacket 6 Fibre LT Cable
XE000701534	3M Volition OM3 PE Jacket 12 Fibre LT Cable
XE000701674	3M Volition SM G.657 Loose Tube Gel Filled PE Sheath 6 Fibre Cable
XE000701682	3M Volition SM G.657 Loose Tube Gel Filled PE Sheath 12 Fibre Cable

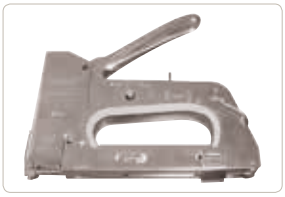
FIBRE CABLE - INDOOR — 3M™ INDOOR FIBRE CABLE

- Indoor LSOH PVC Sheath
- Singlemode/multimode fibre
- 6 and 12 Core

MODEL NUMBER	PRODUCT DESCRIPTION
XE000701575	3M Volition 6 Core G.657 900 Micron LSOH Fibre Cable
XE000701583	3M Volition 12 Core G.657 900 Micron LSOH Fibre Cable
XE000725160	3M Volition OM3 Tight Buffer 6 Fibre DWB Core LSOH Cable
XE000725178	3M Volition OM3 Tight Buffer 12 Fibre DWB Core LSOH Cable

Cable Tackers

61000-100 RAPID 28 STAPLE GUN AND STAPLES



CODE NUMBER	PRODUCT DESCRIPTION
61000	Rapid 28 Staple Guns and Staples
61009	Rapid 28/9 Staples for Rapid 28 (2000 per Box)
61009-1	28/9 Staples for Rapid 28 - box of 1000
61011	Rapid 28/11 Staples for Rapid 28 (2000 per Box)
61011-1	28/11 Staples for Rapid 28 - box of 1000
61100	Rapid 36 Cable Tacker
61110	Rapid 36/10 Staples for Rapid 36 (2000 per Box)
61110-1	36/10 Staples for Rapid 36 - box of 1000
61112	Rapid 36/12 Staples for Rapid 36 (2000 per Box)
61112-1	36/12 Staples for Rapid 36 - box of 1000
61114	Rapid 36/14 Staples for Rapid 36 (2000 per Box)
61114-1	36/14 Staples for Rapid 36 - box of 1000

61250 CAT. 5E TERMINAL KIT AT001

- Everything installers need for identifying, cutting, stripping and terminating twisted pair cable
- Includes ratchet modular connector crimping tool, crimping tool for 6P2C, 8P8C modular connectors stripper and punch-down tool, universal coaxial crimping tool, RJ45 modular plug (8P8C round solid) x 50pcs and RJ45 protection cap x 20pcs

Drill Bits

75400-28 FLEXIDRILL HIGH SPEED STEEL

CODE NUMBER	PRODUCT DESCRIPTION
75400	FlexiDrill High Speed Steel HS184 18in. x 1/4in.
75402	FlexiDrill High Speed Steel HS188 18in. x 3/8in.
75404	FlexiDrill High Speed Steel HS182 18in. x 1/2in.
75410	FlexiDrill High Speed Steel HS242 24in. x 1/2in.
75412	FlexiDrill High Speed Steel HS248 24in. x 3/8in.
75414	FlexiDrill High Speed Steel HS244 24in. x 1/4in.
75416	FlexiDrill High Speed Steel HS364 36in. x 1/4in.
75418	FlexiDrill High Speed Steel HS368 36in. x 3/8in.
75428	FlexiDrill High Speed Steel HS362 36in. x 1/2in.

75505 GLO ROD - LIGHTNING ROD 60IN. LONG (5FT)

- Glo rod - lightning rod 60in. long (5FT)

Crimps, Connectors & Cam Lock

61200-61205 3M GREASE FILLED CRIMP

CODE NUMBER	PRODUCT DESCRIPTION
61200	3M Grease Filled 2 Way Crimp - Box of 100
61205	3M Grease Filled 3 Way Crimp - Box of 100

61220-61225 CLOSED END CONNECTOR

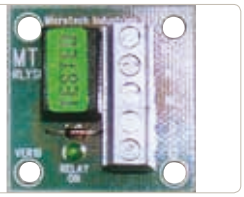
CODE NUMBER	PRODUCT DESCRIPTION
61220	Closed End Connector 1.25mm - Bag of 100
61225	Closed End Connector 2.0mm - Bag of 100

75330 CAM LOCK

- Camlock with 2 keys
- Fits into all cabinets

Relay, Fuse & Interface Boards

75200 RELAY BOARD - SINGLE POLE 3 AMP 12V DC



- Single pole
- 3 amp

75202 RELAY BOARD - SINGLE POLE 8 AMP TDL 1RB

- This is a modular unit that can be used to switch a number of devices
- Designed to be used as an interface between a low current switching device like an access control system door control board and a high powered lock
- The contacts are rated at 8 amp resistive up to 48v DC
- There is also an diagnostic LED on the board to indicate that the relay is operated
- The terminals are raising clamp type which will not damage the cables and can take up to a 2.5mm^2 cable
- The unit is based on a standard foot print so that it can be mounted with other TDL boards on the optional TDL mounting base

75203 RELAY BOARD - SINGLE POLE 8 AMP TDL 2RB 2WAY

- This is a modular unit that can be used to switch a number of devices
- Designed to be used in an interface between the access control system and high current locks or other devices
- All contacts are rated at 8 amp resistive up to 48v DC
- There is also a diagnostic LEDs on each relay to indicate that the relay is operated
- The terminals are rising clamp type which will not damage the cables and can take up to a 2.5mm^2 cable
- The unit is based on a standard foot print so that it can be mounted with other TDL boards on the optional TDL mounting base

75204 RELAY BOARD - SINGLE POLE 8 AMP TDL 4RB 4WAY

- This is a modular unit that can be used to switch a number of devices
- Designed to be used in an access control system to interface with other units such as locks
- All contacts are rated at 8 amp resivtive up to 48v DC
- There is a diagnostic LED on each relay to indicate that the relay is operated
- The board can be split into 2x2 way relay boards
- The terminals are rising clamp type which will not damage the cables and can take up to a 2.5mm^2 cable
- The unit is based on a strandard foot print so that it can be mounted with other TDL boards on the optional TDL mounting base

75205 RELAY BOARD - DOUBLE POLE 1 AMP 12V DC

- Double Pole
- 1 amp

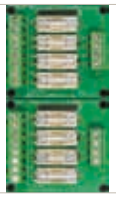
CODE NUMBER	PRODUCT DESCRIPTION
75205	SP/MG Relay Board, Double Pole 1 amp 12v DC
75213	SP/MG Livewire Plug-on Paradox Receiver for DP Relay
75214	Livewire Plug-on Timer Module
50120	24v AC/DC - 12v DC Convertor

75206 FUSE BOARD - TDL 4FB 4 WAY

- 4 Separate fused circuits
- Fuse size: 20mm x 5mm
- The fuses are field replacable
- Maximum fuse rating value: 5 amp
- Diagnostic LEDs
- Quality rising clamp PCB terminals (maximum cable size 2.5mm^2)
- The unit is based on the standard TDL foot print so that it can be mounted with other TDL boards on the optional TDL mounting base
- Dimensions: 55 (W) x 60 (H) x 23 (D) mm

Relay, Fuse & Interface Boards

75207 FUSE BOARD - TDL 8FB 8WAY



- 4 separate fused circuits
- Fuse size: 20mm x 5mm
- The fuses are field replacable
- Maximum fuse rating value: 5 amp
- Diagnostic LEDs
- Quality rising clamp PCB terminals (maximum cable size 2.5mm^2)
- The unit is based on the standard TDL foot print so that it can be mounted with other TDL boards on the optional TDL mounting base
- Dimensions: 55mm W x 60mm H x 23mm D

75208 RELAY & FUSE BOARD - TDL 4RFB 4WAY

- Compact size which allows for installation within the same enclosure as the access control system PCB
- Both the control relay and associated fuses are all on the one board
- Cuts down on the wiring required between the relay and a separate fuse board (saves time)
- Cost saving in componants and time as there is no requirement for interboard cabling and the associated labour

75209 FIRE ALARM INTERFACE BOARD - TDL FAB

- Clean contact input from the fire alarm relay. A closed contact indicates the normal condition
- An open contact indicates a fire alarm situation
- Terminals for the input from the access control system 12v DC power supply
- Two sets of power supply outputs.
- The outputs are turned off upon a fire alarm activation (dropping power to the locks)
- 10 amp fuse to protect the two power supply outputs
- Relay output for the monitoring of the fire alarm relay status
- Relay output for monitoring of the power supply fuse
- LED indications for the power supply input, fire alarm input and the power supply
- Output protection fuse (located underneath the fuse)

75210 TDL MOUNTING BASE FOR TDL CIRCUIT BOARDS

- The TDL mounting base is easy to install and takes care of the mounting of the TDL PCBs, wiring and cable trunking
- The mounting bases can be connected together to form one continous cable trunking system with end caps and label holders
- It can also be split in two if required to fit a particular requirement
- Cable entry can be through the back or sides of the unit
- Mounting base dimensions: 115 (W) x 65 (H) x 23 (D) mm

75211 TDL TB TIMER BOARD - 1 SEC - 2 HOURS

- Off delay (loss of 12v DC on the input gives an OFF delay on the output)
- On delay (gain of 12v DC on the input gives an ON delay on the output)
- Off pulse trigger (the 12v DC input is lost for a moment which gives an OFF delay on the output)
- On pulse trigger (the 12v DC input is lost for a moment which gives an ON delay on the output)
- There are 16 time intervals to choose from which are preset and selected by a rotary dip switch

Cabinets

75300/75301 PARADOX CABINETS

- Provision for multiple module and panel mounting
- Many punch-out holes for simple wiring
- Easy door removal

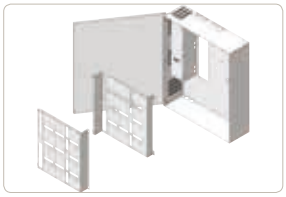
CODE NUMBER	PRODUCT DESCRIPTION
75300	Paradox Empty Cabinet (280x280x76mm /11x11x3in.)
75301	Paradox Cabinet Complete with Transformer and Tamper

75302/75304 INNER RANGE - CONCEPT CABINETS

- Provision for multiple module and panel mounting
- Many punch-out holes for simple wiring
- Easy door removal

CODE NUMBER	PRODUCT DESCRIPTION
75302	Concept Standard Cabinet with Lock (370x390x100mm)
75304	Concept Large Cabinet with Lock (460x600x100mm)

75306 INNER RANGE - INTEGRITI MEGA CABINET C/W MEGA BASE CHASSIS



The dual layer Mega cabinet, has been designed to accommodate the requests from our customers to provide a more compact housing as real estate is a premium in many sites.

- Cabinet with Mega base chassis (2+2 configuration)
- 1 x 40va transformer (fitted)
- 1 x transformer cover plate
- 1 x tamper bracket
- 1 x tamper switch
- 1 x cam lock
- 1 x fused mains terminal block

CODE NUMBER	PRODUCT DESCRIPTION
75306	Mega Cabinet C/W Mega Base Chassis, Lock, 560x660x170mm
75316	Mega 2+2 Chassis
75317	Mega 1+1 Chassis

Improved Cashflow

Simply Leasing

technology when you need it!

12 Monitoring Stations

Receivers/Diallers, IP/GSM & Radio Monitoring Equipment

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

PARADOX® SECURITY SYSTEMS

Monitoring Equipment Solutions

Monitored alarms are much more effective than audible systems. We offer various products to ensure your Monitoring Station has the latest 'state-of-the-art' systems so you can offer your clients the highest level of security possible.

MONTIORING STATIONS

- Monitoring Station Receivers & Diallers
- Diallers, IP & GSM Back-Up

Paradox Solution

All Paradox control panels have been specifically built from the ground up to support the latest in communication technology, including GPRS, GSM, IP and voice. Whether it be uploading/downloading via GPRS, monitoring and controlling your system remotely through a PC, receiving system status and events by voice or text message, or reporting to the monitoring station via GSM or GPRS, all Paradox panels support various communication applications that heighten an installation's security.

Inner Range Solution

Fratech products manufactured by Inner Range, offer a range of advanced security communication products including GSM backup units, digital alarm receivers for Central Stations and IP alarm monitoring solutions.

RadioNet Monitoring Solution

Setting up a radio monitoring central station has always been considered to be a major capital expense and a barrier to entry for many smaller security companies. This perception has resulted in many smaller companies outsourcing their monitoring to larger concerns.

RadioNet Monitoring has put together an entry-level state-of-the-art monitoring station, which overcomes all these problems and makes it possible for the smaller concern to enter this sector of the security market with a relatively low capital outlay. Full technical support and training makes it possible for smaller companies to offer a highly professional monitoring service using state-of-the-art equipment and monitoring facilities right from the start of radio monitoring operations.

www.innerrange.com
inner range
Intelligent Security Solutions

Monitoring Station Receivers & Diallers

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

35250-35260 RECEIVERS

- Remote configuration and monitoring of multiple receivers over any IP network using the FE900 management software
- Two inbuilt ethernet ports per CPU card
- Two isolated RS232 ports per CPU card
- Up to 8 line cards, supporting a total of up to 32 PSTN lines simultaneously
- Non-volatile 30,000 event buffer
- Hot swappable, auto-configuring cards, speaks all the main communications formats
- FE900 processes alarms independently of automation system
- Comprehensive management software to configure, monitor and maintain FE900s. This can serve as a double-check to automation system
- Line cards feature advanced DSP, 8kV isolation and three stage lightning/transient protection
- Flexible audio capture to FE900 software from any line on any receiver
- Optional redundant CPU card
- Smart call answering
- Very low power consumption
- Wide input supply range: 8-35v DC
- Extensive self-diagnostic functionality
  Live, fail-safe, versionable firmware updates
- Removable Krone and/or RJ connector blocks for easy installation and maintenance

CODE NUMBER	PRODUCT DESCRIPTION
35250	IR-FE-900 Digital IP Receiver
35253	IR-FE-900 Digital Backup Processor Card
35255	IR-FE-900 Line Card - 4 Lines

35260 PARADOX IPR512 GPRS / IP MONITORING RECEIVER

- 1024 Supervised Paradox GPRS/IP modules:
  High-speed supervision for up to 1024 Paradox control panels using PCS300, PCS200 GPRS edition or IP100 Internet Module. Every communication module can report each partition with a unique account number
- End-to-End supervision:
  The entire communication line (control panel, internet module, receiver and automation software) is fully supervised and can be reported due to Paradox's proprietary encrypted communication
- Module polling and receiver supervision:
  Up to 32 security profiles can be created per receiver with a programmable Module Polling Time and Receiver Supervision Time (seconds, minutes, or hours). If the receiver does not receive a presence message from the Internet Module within the Module Polling Time, the receiver will then wait until the Receiver Supervision Time elapses before reporting a supervision loss to the monitoring station's Automation Software
- Direct communication:
  All reports are transmitted directly to the receiver from the PCS300, PCS200 or IP100 modules without having to use intermediary servers or network operation centers. This provides faster response, with no concerns about issues from intermediary providers, such as signals not properly relayed or communication failures
- Redundant internet service provider (ISP):
  2 Ethernet ports (WAN1 and WAN2) to receive events through two different ISP's
- 2 Serial ports:
  COM1 connects to Automation Software (used by monitoring station) by emulating Radionics 6500 protocol. COM2 connects to a printer or a PC with an RS232 serial communication software view/print events in plain text format
- Communication protocols:
  Supports ADEMCO 685, SURGARD MLR2-DG, and RADIONICS 6500 for event reporting to the monitoring station's automation software
- Integrated account management Web page:
  access web page via LAN port to view, edit and delete PCS200/IP100 modules, edit security profiles, configure receiver, view receiver troubles, and program special event report codes
- Data backup on external memory card:
  The receiver has a built-in flash memory card slot for data backup (programmable intervals) and recovery. This allows fast and easy substitution of receiver units in crash recovery situations. Uses external SD, SD/HC, or MMC memory cards
- Firmware upgradeable:
  The receiver is firmware upgradeable in less than 90 seconds and features automatic update verification

Other Features:
Supports CID reporting formats • 256-bit AES data encryption • 2-line, 40-character LCD with a 6-button interface to view troubles, backup data to/from memory card, set IP Address and Subnet Mask for LAN port, and set LCD language, backlight and contrast, and set time and date • Supports 19in. rack mounting (1U) or desktop installation • Output relay (triggered by selected events) • Input relay (sends selected events when triggered) • Automatic date and time synchronization via Network Time Protocol (NTP) • Robust and durable construction • Standard 110/220v AC power supply • Extremely low noise and low power consumption (less than 10W) • Secure private operating system.

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

Diallers, IP & GSM Back-Up

35270 PARADOX PCS250 GPRS/GSM COMMUNICATOR

- Compact, sleek design
- Report events to the IPR512 GPRS/IP monitoring receiver and/or IPRS-7 IP/GPRS PC receiver software
- Report via text message (up to 16 cell phone numbers)
- Control panel communication supervision
- End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- Send pre-recorded voice messages to up to 8 telephone numbers to report alarms using the optional VDMP3 Paradox plug-in voice module (GSM mode)
- Simple installation with 4-wire serial connection
- Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus). A CVT485 module must be added to the panel in order to accomplish this
- Report via GSM (CID, SIA)

CODE NUMBER	PRODUCT DESCRIPTION
35275-2	Antenna extension for PCS250 - 2m
35275-4	Antenna extension for PCS250 - 4m
35275-15	Antenna extension for PCS250 - 15m

CODE NUMBER	PRODUCT DESCRIPTION
10476	External Aerial Kit for PCS250 & GPRS14

15398 PARADOX IP150 INTERNET MODULE

- SSL support for sending secured emails via a secure sockets layer; a protocol for encrypting information over the Internet
- HTTPS support for improving security (hypertext transfer protocol secure; a widely used communications protocol for secure communication over a computer network)
- Two I/O's on board; controlled via the web interface, triggering an email
- Event log on web interface; displays last 64 events
- Easy installation; built-in clip for mounting in a metal box
- Report control panel events via IP to the Paradox IPR512 GPRS/IP monitoring receiver
- Control and monitor a control panel through an IP network (LAN/WAN/internet)
- Compatible with Spectra SP series (V2.10 or higher), MG5000/MG5050 (V2.10 or higher) and EVO control panels
- Use NEware or BabyWare to access your system through the internet
- Receive notification of system alarms via email
- Arm/disarm individual partitions via web browser
- View live status of all zones and partitions (e.g. open/close, arm/disarm, troubles and alarms) via web browser
- ParadoxMyHome available for dynamic IP address
- Very low bandwidth consumption
- Supported language: English

35225 FRATEC FE-3000 SERIAL GSM MODEM

- The serial FE3000 is a simplified version of the standard FE3000, which has a high level interface to the Concept 3000/4000 via a UART connection
- All programming done via Concept keypad
- Also connects to any security panel: two monitored inputs and two controlled outputs

Diallers, IP & GSM Back-Up

35230 IR FRATECH FE-3000 GSM ENGINE

- The FE3000 GSM engine provides the next generation in multi-path monitoring
- Provides an expandable platform for newer monitoring paths based on the Internet
- Alarms from any contact ID alarm panel can be sent via multiple paths including GSM and PSTN
- The FE3000 contains its own diallers, calls can still be initiated even with total panel failure
- The FE3000 allows the alarm panel to be tested as fast as once a minute if desired and will report any panel failure
- The FE3000 allows the GSM short message service (SMS) to be used for:
  - Sending contact ID alarms back to a mobile phone as text messages
  - Requesting the FE3000 to send back SMS messages containing status information
  - Making programming changes remotely via SMS using a mobile phone
- Turning on/off outputs on the FE3000 using SMS to turn on lights or turn on/off your alarm panel via a key-switch zone. The FE3000 features its own battery charger with battery test and can also be used as a stand alone unit, providing monitoring of up to 12 inputs by either a PSTN call, a GSM call or via an SMS message to a mobile phone

CODE NUMBER	PRODUCT DESCRIPTION
35230	IR Fratech FE-3000 GSM Engine
35230P	IR Fratech FE-3000 PCB Only

20364-35405 CONCEPT COMMUNICATIONS INTERFACE

- UART port interface cables provides permanent connection for laptops, PC's, printers and modems to the UART ports on a control module. A UART interface board is required
- Port '0' interface cables provides a temporary laptop connection to port '0' on the control module. This feature should only be used for commissioning and flash programming purposes
- LAN ancillary cables enables the installer to temporarily connect a terminal to a LAN module to assist in commissioning. The cable features a four way polarised socket. An ancillary LAN connector is produced on most Concept 4000 modules that connects to the LAN
- Securitel cable is designed to connect a Securitel Serial STU or C&K Systems SpreadNet®, receiver to a port on a Concept 4000 UART board
- FE3000 modem interface cable is designed to connect an Inner Range FE3000 GSM modem to a port on an Concept 4000 UART interface board
- C Bus/Dynalite cables connects the Concept 4000 and third party systems

CODE NUMBER	PRODUCT DESCRIPTION
20364	Concept Port 0 Interface Cable with Serial Connection
20364USB	Concept Port 0 Interface Cable with USB connection
20365CE	Concept 1 Port UART for Type 2 Controller
20358CE	Concept 1 Port UART with TCP/IP
20366CE	Concept 2 Port UART for Type 2 Controller Boards Only
20359CE	Concept 3 Port UART with TCP/IP
20377	Concept 9 Pin Computer Interface Cable
20379	Concept 25 Pin Computer Interface Cable
20360	Concept 25 Pin Serial Printer Interface Cable
20361	Concept Clipsal C-Bus Interface Cable
20362	Concept Dynalite Interface Cable
35405P	Inner Range Multipath MPIP Omnilink STU - PCB only

35110 PARADOX PARAVOX VOICE DIALLER

- Voice prompt commands
- 4 Telephone numbers
- Various languages available
- Program via telephone
- 4 Programmable zone inputs
- 2 PGMs outputs
- Remote acknowledgement
- Message storage length: 4 x 15sec or 2 x 30sec

Atlas Gentech
Terms of Trade

1. DEFINITIONS

1.1 'ATLAS GENTECH (NZ) LIMITED' shall mean ATLAS GENTECH (NZ) LIMITED, or any agents or employees thereof.

1.2 'Customer' shall mean the Customer, any person acting on behalf of and with the authority of the Customer, or any person purchasing products and services from ATLAS GENTECH (NZ) LIMITED.

1.3 'Products' shall mean:

1.3.1 all Products of the general description specified on the front of this agreement and supplied by ATLAS GENTECH (NZ) LIMITED to the Customer; and

1.3.2 all Products supplied by ATLAS GENTECH (NZ) LIMITED to the Customer; and

1.3.3 all inventory of the Customer that is supplied by ATLAS GENTECH (NZ) LIMITED; and

1.3.4 all Products supplied by ATLAS GENTECH (NZ) LIMITED and further identified in any invoice issued by ATLAS GENTECH (NZ) LIMITED to the Customer, which invoices are deemed to be incorporated into and form part of this agreement; and

1.3.5 all Products that are marked as having been supplied by ATLAS GENTECH (NZ) LIMITED or that are stored by the Customer in a manner that enables them to be identified as having been supplied by ATLAS GENTECH (NZ) LIMITED; and

1.3.6 all of the Customer's present and after-acquired Products that ATLAS GENTECH (NZ) LIMITED has performed work on or to or in which goods or materials supplied or financed by ATLAS GENTECH (NZ) LIMITED have been attached or incorporated.

1.3.7 The above descriptions may overlap but each is independent of and does not limit the others.

1.4 'Products' shall also mean all products, goods, services and advice provided by ATLAS GENTECH (NZ) LIMITED to the Customer and shall include without limitation the supply of security products and all charges for labour, hire charges, insurance charges, or any fee or charge associated with the supply of Products by ATLAS GENTECH (NZ) LIMITED to the Customer.

1.5 'Price' shall mean the cost of the Products as agreed between ATLAS GENTECH (NZ) LIMITED and the Customer and includes all disbursements eg charges ATLAS GENTECH (NZ) LIMITED pay to others on the Customer's behalf subject to clause 4 of this contract.

2. ACCEPTANCE

2.1 Any instructions received by ATLAS GENTECH (NZ) LIMITED from the Customer for the supply of Products shall constitute a binding contract and acceptance of the terms and conditions contained herein.

3. COLLECTION AND USE OF INFORMATION

3.1 The Customer authorises ATLAS GENTECH (NZ) LIMITED to collect, retain and use any information about the Customer, for the purpose of assessing the Customer's credit worthiness, enforcing any rights under this contract, or marketing any Products provided by ATLAS GENTECH (NZ) LIMITED to any other party.

3.2 The Customer authorises ATLAS GENTECH (NZ) LIMITED to disclose any information obtained to any person for the purposes set out in clause 3.1.

3.3 Where the Customer is a natural person the authorities under clauses 3.1 and 3.2 are authorities or consents for the purposes of the Privacy Act 1993.

4. PRICE

4.1 Where no price is stated in writing or agreed to verbally the Products shall be deemed to be sold at the current amount as such Products are sold by ATLAS GENTECH (NZ) LIMITED at the time of the contract.

4.2 The price may be increased by the amount of any reasonable increase in the cost of supply of the Products that is beyond the control of ATLAS GENTECH (NZ) LIMITED between the date of the contract and delivery of the Products.

5. PAYMENT

5.1 Payment for Products shall be made in full on or before the 20th day of the month following the date of the invoice ('the due date').

5.2 Interest may be charged on any amount owing after the due date at the rate of 2.5% per month or part month.

5.3 Any expenses, disbursements and legal costs incurred by ATLAS GENTECH (NZ) LIMITED in the enforcement of any rights contained in this contract shall be paid by the Customer, including any reasonable solicitor's fees or debt collection agency fees.

5.4 Receipt of a cheque, bill of exchange, or other negotiable instrument shall not constitute payment until such negotiable instrument is paid in full.

6. QUOTATION

6.1 Where a quotation is given by ATLAS GENTECH (NZ) LIMITED for Products:

6.1.1 Unless otherwise agreed the quotation shall be valid for thirty (30) days from the date of issue; and

6.1.2 The quotation shall be exclusive of goods and services tax unless specifically stated to the contrary;

6.1.3 ATLAS GENTECH (NZ) LIMITED reserve the right to alter the quotation because of circumstances beyond its control.

6.2 Where Products are required in addition to the quotation the Customer agrees to pay for the additional cost of such Products.

7. RISK

7.1 The Products remain at ATLAS GENTECH (NZ) LIMITED' risk until delivery to the Customer.

7.2 Delivery of Products shall be deemed complete when ATLAS GENTECH (NZ) LIMITED gives possession of the Products directly to the Customer or possession of the Products is given to a carrier, courier, or other bailee for purposes of transmission to the Customer.

7.3 The time agreed for delivery shall not be an essential term of this contract.

8. TITLE AND SECURITY (PERSONAL PROPERTY SECURITIES ACT 1999)

8.1 Title in any Products supplied by ATLAS GENTECH (NZ) LIMITED passes to the Customer only when the Customer has made payment in full for all Products provided by ATLAS GENTECH (NZ) LIMITED and of all other sums due to ATLAS GENTECH (NZ) LIMITED by the Customer on any account whatsoever. Until all sums due to ATLAS GENTECH (NZ) LIMITED by the Customer have been paid in full, ATLAS GENTECH (NZ) LIMITED has a security interest in all Products.

8.2 If the Products are attached, fixed, or incorporated into any property of the Customer, by way of any manufacturing or assembly process by the Customer or any third party, title in the Products shall remain with ATLAS GENTECH (NZ) LIMITED until the Customer has made payment for all Products, and where those Products are mixed with other property so as to be part of or a constituent of any new Products, title to these new Products shall deemed to be assigned to ATLAS GENTECH (NZ) LIMITED as security for the full satisfaction by the Customer of the full amount owing between ATLAS GENTECH (NZ) LIMITED and Customer.

8.3 The Customer gives irrevocable authority to ATLAS GENTECH (NZ) LIMITED to enter any premises occupied by the Customer or on which Products are situated at any reasonable time after default by the Customer or before default if ATLAS GENTECH (NZ) LIMITED believes a default is likely and to remove and repossess any Products and any other property to which Products are attached or in which Products are incorporated. ATLAS GENTECH (NZ) LIMITED shall not be liable for any costs, damages, expenses or losses incurred by the Customer or any third party as a result of this action, nor liable in contract or in tort or otherwise in any way whatsoever unless by statute such liability cannot be excluded. ATLAS GENTECH (NZ) LIMITED may either resell any repossessed Products and credit the Customer's account with the net proceeds of sale (after deduction of all repossession, storage, selling and other costs) or may retain any repossessed Products and credit the Customer's account with the invoice value thereof less such sum as ATLAS GENTECH (NZ) LIMITED reasonably determines on account of wear and tear, depreciation, obsolescence, loss or profit and costs.

8.4 Where Products are retained by ATLAS GENTECH (NZ) LIMITED pursuant to clause 8.3 the Customer waives the right to receive notice under s.120 of the Personal Property Securities Act 1999 ('PPSA') and to object under s.121 of the PPSA.

8.5 The following shall constitute defaults by the Customer:

8.5.1 Non payment of any sum by the due date.

8.5.2 The Customer intimates that it will not pay any sum by the due date.

8.5.3 Any Products are seized by any other creditor of the Customer or any other creditor intimates that it intends to seize Products.

8.5.4 Any Products in the possession of the Customer are materially damaged while any sum due from the Customer to ATLAS GENTECH (NZ) LIMITED remains unpaid.

8.5.5 The Customer is bankrupted or put into liquidation or a receiver is appointed to any of the Customer's assets or a landlord distrains against any of the Customer's assets.

8.5.6 A Court judgment is entered against the Customer and remains unsatisfied for seven (7) days.

8.5.7 Any material adverse change in the financial position of the Customer.

9. PAYMENT ALLOCATION

9.1 ATLAS GENTECH (NZ) LIMITED may in its discretion allocate any payment received from the Customer towards any invoice that ATLAS GENTECH (NZ) LIMITED determines and may do so at the time of receipt or at any time afterwards and on default by the Customer may reallocate any payments previously received and allocated. In the absence of any payment allocation by ATLAS GENTECH (NZ) LIMITED, payment shall be deemed to be allocated in such manner as preserves the maximum value of ATLAS GENTECH (NZ) LIMITED' purchase money security interest in the Products.

10. DISPUTES AND RETURN OF PRODUCTS

10.1 No claim relating to the Products will be considered unless made within forty-five (45) days of delivery.

10.2 No Products will be accepted for return without prior approval of ATLAS GENTECH (NZ) LIMITED. A 15% restocking fee may apply. Any Products considered for return must be in original packaging and undamaged.

10.3 All products returned must be accompanied by original invoice or packing slip.

11. LIABILITY

11.1 The Consumer Guarantees Act 1993, the Fair Trading Act 1986 and other statutes may imply warranties or conditions or impose obligations upon ATLAS GENTECH (NZ) LIMITED which cannot by law (or which can only to a limited extent by law) be excluded or modified. In respect of any such implied warranties, conditions or terms imposed on ATLAS GENTECH (NZ) LIMITED, ATLAS GENTECH (NZ) LIMITED' liability shall, where it is allowed, be excluded or if not able to be excluded only apply to the minimum extent required by the relevant statute.

11.2 Except as otherwise provided by clause 11.1 ATLAS GENTECH (NZ) LIMITED shall not be liable for:

11.2.1 Any loss or damage of any kind whatsoever, arising from the supply of Products by ATLAS GENTECH (NZ) LIMITED to the Customer including consequential loss whether suffered or incurred by the Customer or another person and whether in contract or tort (including negligence) or otherwise and irrespective of whether such loss or damage arises directly or indirectly from Products provided by ATLAS GENTECH (NZ) LIMITED to the Customer; and

11.2.2 The Customer shall indemnify ATLAS GENTECH (NZ) LIMITED against all claims and loss of any kind whatsoever however caused or arising and without limiting the generality of the foregoing of this clause whether caused or arising as a result of the negligence of ATLAS GENTECH (NZ) LIMITED or otherwise, brought by any person in connection with any matter, act, omission, or error by ATLAS GENTECH (NZ) LIMITED its agents or employees in connection with the Products.

12. WARRANTY

12.1 Manufacturer's warranty applies where applicable.

13. CONSUMER GUARANTEES ACT

13.1 The guarantees contained in the Consumer Guarantees Act 1993 are excluded where the Customer acquires Products from ATLAS GENTECH (NZ) LIMITED for the purposes of a business in terms of section 2 and 43 of that Act.

14. PERSONAL GUARANTEE OF COMPANY DIRECTORS OR TRUSTEES

14.1 If the Customer is a company or trust, the director(s) or trustee(s) signing this contract, in consideration for ATLAS GENTECH (NZ) LIMITED agreeing to supply Products and grant credit to the Customer at their request, also sign this contract in their personal capacity and jointly and severally personally undertake as principal debtors to ATLAS GENTECH (NZ) LIMITED the payment of any and all monies now or hereafter owed by the Customer to ATLAS GENTECH (NZ) LIMITED and indemnify ATLAS GENTECH (NZ) LIMITED against non-payment by the Customer. Any personal liability of a signatory hereto shall not exclude the Customer in any way whatsoever from the liabilities and obligations contained in this contract. The signatories and Customer shall be jointly and severally liable under the terms and conditions of this contract and for payment of all sums due hereunder.

15. CANCELLATION

15.1 ATLAS GENTECH (NZ) LIMITED shall, without any liability, and without any prejudice to any other right it has in law or equity, have the right by notice to suspend or cancel in whole or in part any contract for the supply of Products to the Customer if the Customer fails to pay any money owing after the due date or the Customer commits an act of bankruptcy as defined in section 19 of the Insolvency Act 1967.

15.2 Any cancellation or suspension of this agreement shall not affect ATLAS GENTECH (NZ) LIMITED' claim for money due at the time of cancellation or suspension or for damages for any breach of any terms of this contract or the Customer's obligations to ATLAS GENTECH (NZ) LIMITED under this contract.

16. MISCELLANEOUS

16.1 ATLAS GENTECH (NZ) LIMITED shall not be liable for delay or failure to perform its obligations if the cause of the delay or failure is beyond its control.

16.2 Failure by ATLAS GENTECH (NZ) LIMITED to enforce any of the terms and conditions contained in this contract shall not be deemed to be a waiver of any of the rights or obligations ATLAS GENTECH (NZ) LIMITED has under this contract.

16.3 If any provision of this contract shall be invalid, void or illegal or unenforceable the validity existence, legality and enforceability of the remaining provisions shall not be affected, prejudiced or impaired.

ATLAS GENTECH

DATA COMMUNICATIONS SECURITY

ATLAS GENTECH (NZ) LIMITED

DATA | COMMUNICATIONS | SECURITY

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